

KELUARAN KE-11

# e-BULETIN

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## USAH GUSAR MENJADI PEMIMPIN

*"Setiap dari kita ada ciri-ciri  
kepimpinan sama ada ianya  
terserlah atau tersembunyi."*

TS. JAMAL OTHMAN

FALSAFAH  
HUKUM  
JINAYAH  
ISLAM

TIPS MEMBANTU  
ANAK MENGHAFAZ  
AL-QURAN DARI  
KECIL

KISAH DUKA BAYI  
DI PALESTIN

FASA DI HUJUNG  
NYAWA



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# perkongasian

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# UNVEILING THE GOLDEN ANGLE BY SKETCHING CAR'S SIDE VIEW USING PLAYGROUND AI



The golden angle is a special angle that is related to the golden ratio, a mathematical constant that is approximately equal to 1.618. The golden angle is about 137.5 degrees, and it has some interesting properties that make it useful for generating artistic images. One of the properties of the golden angle is that it can divide a circle into two parts, such that the ratio of the larger part to the smaller part is equal to the ratio of the whole circle to the larger part. This ratio is the same as the golden ratio, and it creates a harmonious and balanced proportion. This proportion can be found in many natural phenomena, such as the arrangement of petals, leaves, seeds and shells. Some artists and designers have used this proportion to create aesthetically pleasing compositions, such as paintings, sculptures, logos and photographs. In this context, we intend to share our experience with the process of generating a side view of a car using Playground AI. Our approach involved integrating the principles of the golden angle into our instructions to produce an artistic representation of the car's side view. We used the following prompt to generate the image:



*"Imagine and sketch the exterior design of a car that embodies the concept of beauty through the application of the golden angle proportion. The golden angle, approximately 137.5 degrees, is a geometric ratio found in nature and is believed to create visually pleasing compositions. Incorporate this proportion into the car's overall shape, the angles of the body panels, the positioning of key features like the grille, headlights, windows, curves and contours of the design."*



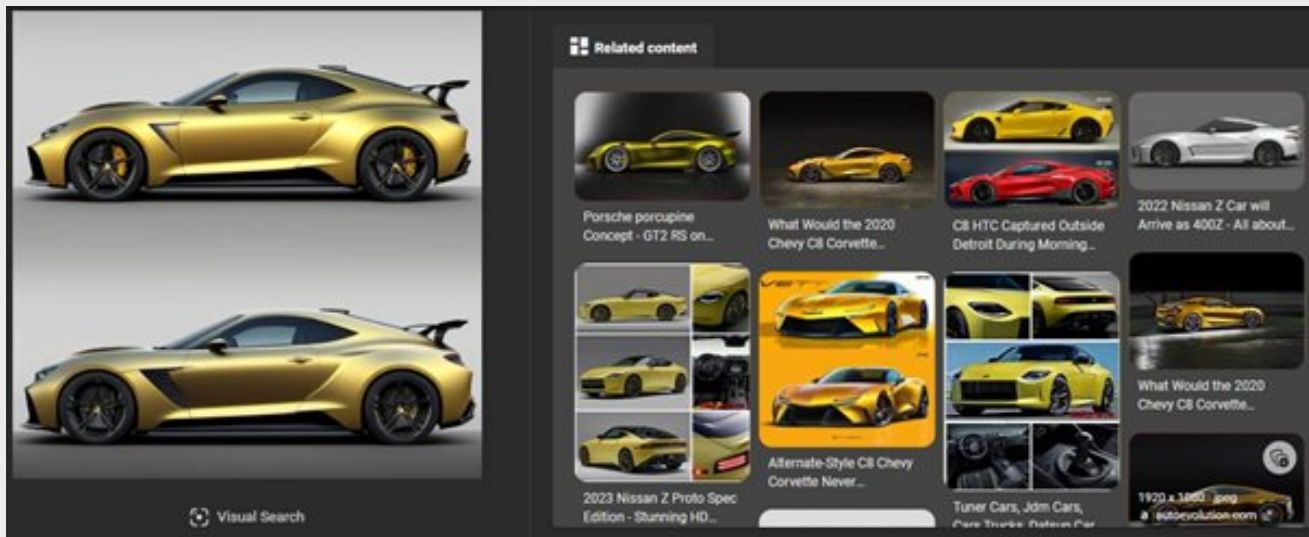
When we used Microsoft Bing's Visual Search to look for images resembling those generated by Playground AI for cars, the search results displayed pictures of sports cars from well-known brands like



***Porsche, Nissan, Tesla, Ferrari, Mazda, Aston Martin, Jaguar***



and more. This indicates the possibility that the designs of these sports cars employ the concept of the golden angle or golden ratio in their sketches.



Source:

- (1) Playground - free-to-use online AI image creator. <https://playgroundai.com/>.
- (2) Complete guide to AI image creation with Playground AI - Speechify. <https://speechify.com/blog/playground-ai/>.
- (3) Playground AI - AI tool. <https://tools.aipowerlab.io/tools/playground-ai>.
- (4) How To Use the Golden Ratio in Art Composition & Design. <https://artignition.com/golden-ratio-in-art/>