

Converting Colors

Hex(056049)

Have a look what the booklet for
Hex(056049) contains.

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Color

Hex(056049)

Conversions

Conversions Part 1

Format	Color
Hex	056049
RGB	5, 96, 73
RGB Percent	2%, 38%, 29%
CMY	0.9804, 0.6235, 0.7137
CMYK	0.95, 0.00, 0.24, 0.62
HSL	165°, 90%, 20%
HSV	165°, 95%, 38%
XYZ	5.4481, 8.8790, 7.7300
YIQ	66.1690, -46.8530, -26.4450

Conversions

Conversions Part 2

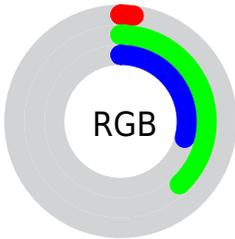
Format	Color
R_{YB}	5, 57, 96
Decimal	352329
CIE Lab	35.75, -30.28, 6.41
CIE LCh	36, 30.949, 168.045
Yxy	8.8790, 0.2470, 0.4025
Android (android.graphics.Color)	4278542409 (0xFF056049)
YUV	66.1690, 3.3677, -53.6452
Hunter-Lab	29.7977, -19.5100, 5.4776

Details

The Hex color **056049** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **60051C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **46937A**, and **00311D** is the 20% darker color. If you saturate the color by 10%, you get **006048**, and if you desaturate by 10%, it is **0F604B**.

Distribution



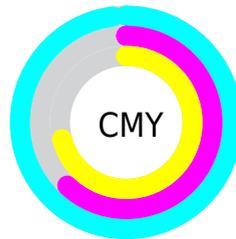
- Red (2%)
- Green (38%)
- Blue (29%)



- Red (2%)
- Yellow (22%)
- Blue (38%)



- Cyan (95%)
- Magenta (0%)
- Yellow (24%)
- Black (62%)



- Cyan (98%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 056049 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 056049 by changing the saturation by 10% instead.

 056049

 056049

FFFFFF

 004832

 46937A

 00311D

 61AE93

 001D04

 7CCA AE

 000000

 98E6C9

 B3FFE5

 D0FFFF

 EDFFFF

 056049

 056049

■ 006048

■ 0F604B

■ 18604E

■ 226050

■ 2B6053

■ 356055

■ 3F6058

■ 48605A

■ 52605C

■ 5B605F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



385D32



056049



006163

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



056049



465183



7C4630

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



056049



60051C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



834046



056049



694875

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



056049



005A84



7D405F



6B4F23

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



056049



006072



7D405F



7F4337

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



056049



5A7D74



1D6005



2A403A



BFBFBF



404040

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



056049



007D5D



054B60



2C302F



007054



00F0B3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60051C



7D0020



601A05



302C2D



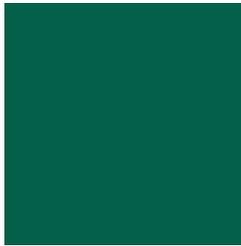
70001C



F0003D

Previews

White Background



This preview shows how the Hex color 056049 looks on a white background.

Color Contrast Check

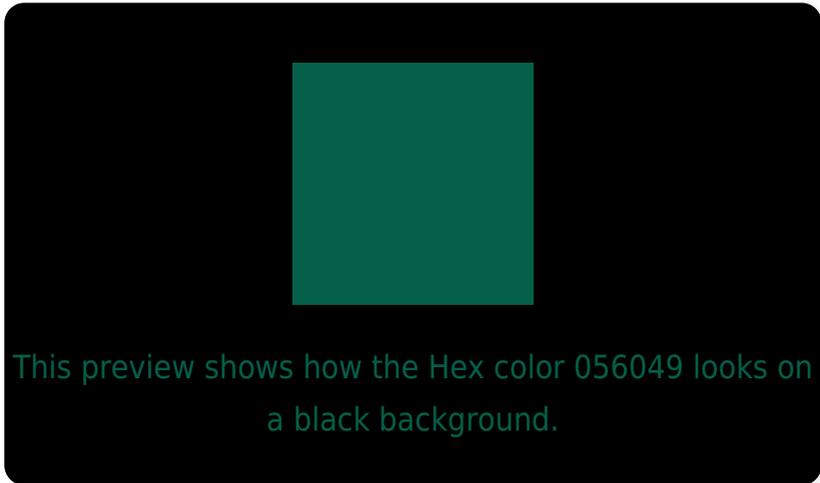
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

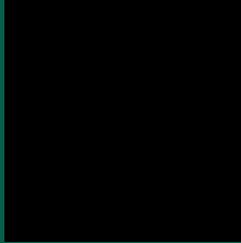
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 056049 Background



This preview shows how black text looks on a background with the Hex color 056049.



This preview shows how white text looks on a background with the Hex color 056049.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
056049

Protanopia
595443

Deuteranopia
5F514C



Tritanopia
1F5C64

Trichromacy



Original Color
056049

Protanomaly
3A5845

Deuteranomaly
3E564B

Tritanomaly
165D5A

Monochromacy



Original Color
056049

Achromatopsia
424242

Achromatomaly
2C4D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 056049 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #056049 looks like.

```
.text, #text, p{  
    color:#056049  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #056049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #056049
}
```

Border

The CSS property to change the border of an element to Hex 056049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#056049 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#056049 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #056049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #056049; -webkit-box-shadow:4px 4px  
4px 4px #056049; box-shadow:4px 4px 4px  
4px #056049 }
```

Background

The CSS property to change the background color of an element to Hex 056049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#056049 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#056049 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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