

Converting Colors

Hex(04AF6C)

Have a look what the booklet for
Hex(04AF6C) contains.

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Color

Hex(04AF6C)

Conversions

Conversions Part 1

Format	Color
Hex	04AF6C
RGB	4, 175, 108
RGB Percent	2%, 69%, 42%
CMY	0.9843, 0.3137, 0.5765
CMYK	0.98, 0.00, 0.38, 0.31
HSL	156°, 96%, 35%
HSV	156°, 98%, 69%
XYZ	18.0868, 31.7685, 19.3660
YIQ	116.2330, -80.4090, -57.0890

Conversions

Conversions Part 2

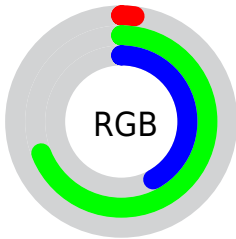
Format	Color
RYB	4, 110, 175
Decimal	307052
CIELab	63.15, -53.58, 23.99
CIELCh	63, 58.702, 155.876
Yxy	31.7685, 0.2613, 0.4589
Android (android.graphics.Color)	4278497132 (0xFF04AF6C)
YUV	116.2330, -4.0589, -98.4283
Hunter-Lab	56.3635, -41.3563, 19.0829

Details

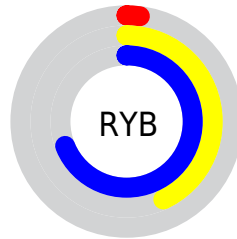
The Hex color **04AF6C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AF0447**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5EE8A0**, and **00793C** is the 20% darker color. If you saturate the color by 10%, you get **00AF6A**, and if you desaturate by 10%, it is **15AF73**.

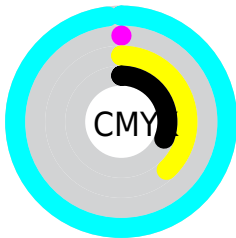
Distribution



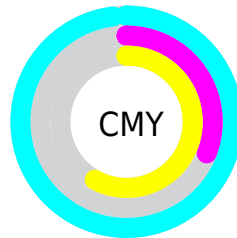
- Red (2%)
- Green (69%)
- Blue (42%)



- Red (2%)
- Yellow (43%)
- Blue (69%)



- Cyan (98%)
- Magenta (0%)
- Yellow (38%)
- Black (31%)



- Cyan (98%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04AF6C 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 04AF6C by changing the saturation by 10% instead.

 04AF6C

 04AF6C

FFFFFF

 009453

 5EE8A0

 00793C

 7DFFBB

 005F25

 9BFFD7

 00460F

 B9FFF4

 003000

 D7FFFF

 001300

 F5FFFF

 000000

 04AF6C

 04AF6C

 00AF6A

 15AF73

 27AF7A

 38AF81

 4AAF87

 5BAF8E

 6DAF95

 7EAF9C

 90AFA3

 A2AFAA

Harmonies

Analogous

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



74A73E



04AF6C



00B2A2

Triad

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



04AF6C



399BFF



F2725E

Complementary

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



04AF6C



AF0447

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.



F76891



04AF6C



A887EE

Square

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



04AF6C



00AAF8



E071C5



D68737

Rectangle

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



04AF6C



00B2C5



E071C5



F76D6E

Sweetspot

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



04AF6C



A1E3C9



48AF04



4B7363



F2F2F2



737373

Same Dimension

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



04AF6C



00E38A



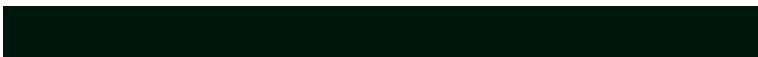
049EAF



4E5753



00965C



00170E

Inverse Universe

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



AF0447



E30059



AF1504



574E51



96003B



170009

Previews

White Background



This preview shows how the Hex color 04AF6C looks on a white background.

Color Contrast Check

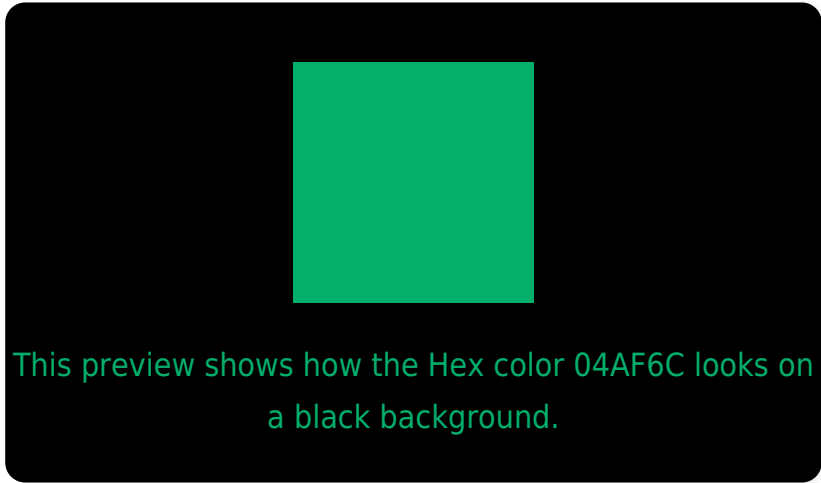
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

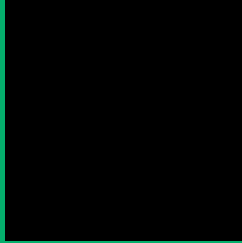
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 04AF6C Background



This preview shows how black text looks on a background with the Hex color 04AF6C.



This preview shows how white text looks on a background with the Hex color 04AF6C.

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](#).

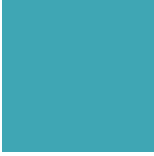
Dichromacy



Original Color
04AF6C

Protanopia
A59862

Deuteranopia
B39273



Tritanopia
3FA6B4

Trichromacy



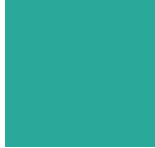
Original Color
04AF6C



Protanomaly
6AA066



Deuteranomaly
739D70



Tritanomaly
2AA99A

Monochromacy



Original Color
04AF6C



Achromatopsia
747474



Achromatomaly
4B8971

CSS Examples

Text

The CSS property to change the color of the text to Hex 04AF6C 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 #04AF6C looks like.

```
.text, #text, p{  
  color:#04AF6C  
}
```

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 #04AF6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04AF6C
}
```

Border

The CSS property to change the border of an element to Hex 04AF6C 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
#04AF6C }
```

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

```
.border{ border-color:#04AF6C }
```

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

Here you see how a box with a 4 pixel #04AF6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04AF6C; -webkit-box-shadow:4px 4px  
4px 4px #04AF6C; box-shadow:4px 4px 4px  
4px #04AF6C }
```

Background

The CSS property to change the background color of an element to Hex 04AF6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04AF6C }
```

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

```
.background{ background-color:#04AF6C }
```

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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