

# Converting Colors

Hex(064F50)

Have a look what the booklet for  
Hex(064F50) contains.

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# Color

**Hex(064F50)**

# Conversions

## Conversions Part 1

Format	Color
Hex	064F50
RGB	6, 79, 80
RGB Percent	2%, 31%, 31%
CMY	0.9765, 0.6902, 0.6863
CMYK	0.92, 0.01, 0.00, 0.69
HSL	181°, 86%, 17%
HSV	181°, 92%, 31%
XYZ	4.3191, 6.2099, 8.5604
YIQ	57.2870, -43.8290, -15.1650

# Conversions

## Conversions Part 2

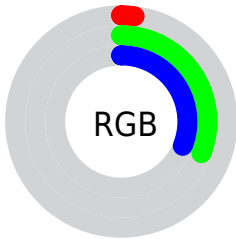
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 43, 80
Decimal	413520
CIELab	29.94, -19.58, -6.48
CIELCh	30, 20.620, 198.314
Yxy	6.2099, 0.2263, 0.3253
Android (android.graphics.Color)	4278603600 (0xFF064F50)
YUV	57.2870, 11.1975, -44.9787
Hunter-Lab	24.9196, -12.6718, -2.9236

# Details

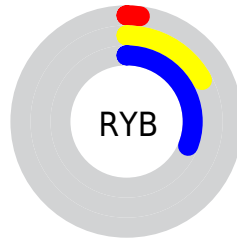
The Hex color **064F50** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **500706**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **438181**, and **002224** is the 20% darker color. If you saturate the color by 10%, you get **004F50**, and if you desaturate by 10%, it is **0E4F50**.

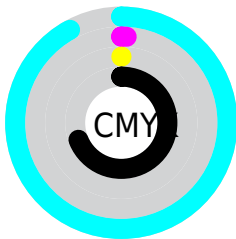
# Distribution



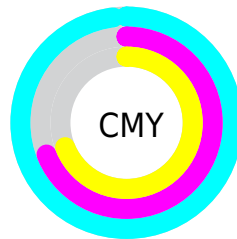
- Red (2%)
- Green (31%)
- Blue (31%)



- Red (2%)
- Yellow (17%)
- Blue (31%)



- Cyan (92%)
- Magenta (1%)
- Yellow (0%)
- Black (69%)



- Cyan (98%)
- Magenta (69%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 064F50 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 064F50 by changing the saturation by 10% instead.



064F50

064F50

FFFFFF

003839

438181

002224

5E9B9B

00010F

78B6B6

000000

93D1D2

AFEEDD

CBFFFF

E8FFFF

064F50

064F50

■ 004F50

■ 0E4F50

■ 164F50

■ 1E4F50

■ 264F50

■ 2E5050

■ 365050

■ 3E5050

■ 465050

■ 4E5050

# Harmonies

## Analogous

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



204F3F



064F50



044D5E

# Triad

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



064F50



543F5C



574327

# Complementary

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



064F50



500706

# 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.



613E2F



064F50



623B4D

# Square

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



064F50



3F4565



663A3D



474928

# Rectangle

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



064F50



194B64



663A3D



5B4129



# Sweetspot

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



064F50



4B6869



065006



233536



B5B5B5



363636



# Same Dimension

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



064F50



006769



062B50



252929



00E5E8

# Inverse Universe

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



50064F



690067



502B06



292529



E800E5

# Previews

## White Background



This preview shows how the Hex color 064F50 looks on a white background.

## Color Contrast Check

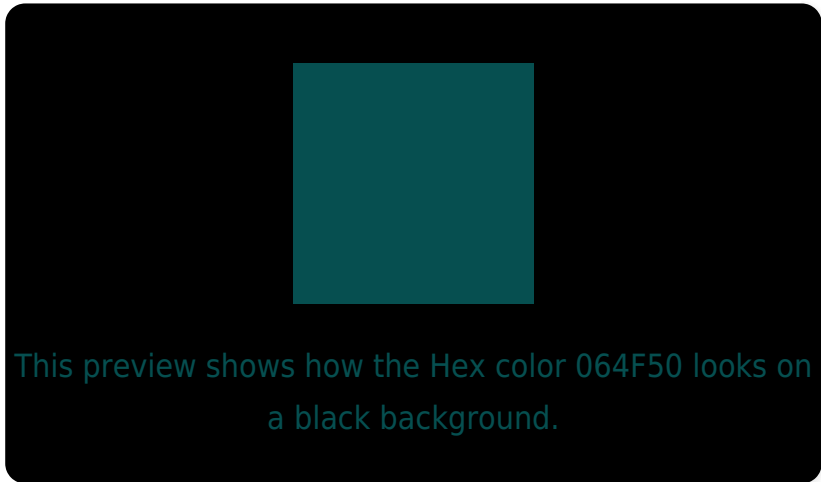
Large Text (above 18pt) WCAG AA ✓ Pass

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

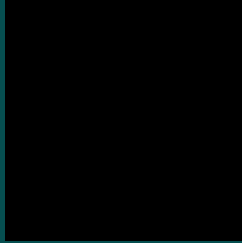
Any Text WCAG AA × Fail

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 064F50 Background



This preview shows how black text looks on a background with the Hex color 064F50.

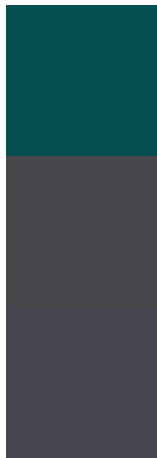


This preview shows how white text looks on a background with the Hex color 064F50.

# 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**  
064F50

**Protanopia**  
47464B

**Deuteranopia**  
484552





**Tritanopia**  
0E4E55

# Trichromacy



**Original Color**  
064F50

**Protanomaly**  
2F494D

**Deuteranomaly**  
304951

**Tritanomaly**  
0B4E53

# Monochromacy



**Original Color**  
064F50

**Achromatopsia**  
393939

**Achromatomaly**  
264141

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 064F50 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 #064F50 looks like.

```
.text, #text, p{  
    color:#064F50  
}
```

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 #064F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064F50
}
```

## Border

The CSS property to change the border of an element to Hex 064F50 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
#064F50 }
```

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

```
.border{ border-color:#064F50 }
```

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

Here you see how a box with a 4 pixel #064F50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064F50; -webkit-box-shadow:4px 4px  
4px 4px #064F50; box-shadow:4px 4px 4px  
4px #064F50 }
```

# Background

The CSS property to change the background color of an element to Hex 064F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064F50 }
```

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

```
.background{ background-color:#064F50 }
```

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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