

Converting Colors

Hex(064750)

Have a look what the booklet for
Hex(064750) contains.

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Color

Hex(064750)

Conversions

Conversions Part 1

Format	Color
Hex	064750
RGB	6, 71, 80
RGB Percent	2%, 28%, 31%
CMY	0.9765, 0.7216, 0.6863
CMYK	0.92, 0.11, 0.00, 0.69
HSL	187°, 86%, 17%
HSV	187°, 92%, 31%
XYZ	3.7763, 5.1244, 8.3795
YIQ	52.5910, -41.6290, -10.9810

Conversions

Conversions Part 2

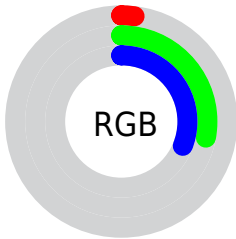
Format	Color
RYB	6, 41, 80
Decimal	411472
CIELab	27.09, -15.10, -10.78
CIELCh	27, 18.558, 215.529
Yxy	5.1244, 0.2185, 0.2965
Android (android.graphics.Color)	4278601552 (0xFF064750)
YUV	52.5910, 13.5126, -40.8603
Hunter-Lab	22.6371, -9.8376, -6.1012

Details

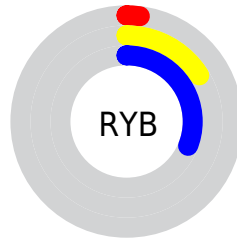
The Hex color **064750** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **500F06**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **427881**, and **001C24** is the 20% darker color. If you saturate the color by 10%, you get **004650**, and if you desaturate by 10%, it is **0E4850**.

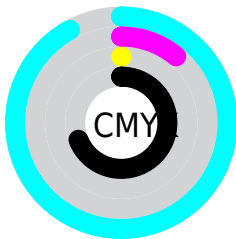
Distribution



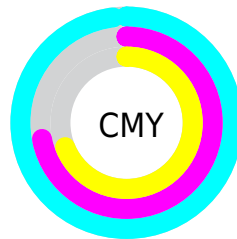
- Red (2%)
- Green (28%)
- Blue (31%)



- Red (2%)
- Yellow (16%)
- Blue (31%)



- Cyan (92%)
- Magenta (11%)
- Yellow (0%)
- Black (69%)



- Cyan (98%)
- Magenta (72%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 064750 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 064750 by changing the saturation by 10% instead.

064750

064750

FFFFFF

003039

427881

001C24

5C919B

00010E

76ACB6

000000

91C7D2

ACE3EE

C9FFFF

E5FFFF

064750

064750

■ 004650

■ 0E4850

■ 164950

■ 1E4A50

■ 264B50

■ 2E4C50

■ 364D50

■ 3E4E50

■ 464F50

■ 4E5050

Harmonies

Analogous

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



134842



064750



174559

Triad

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



064750



54374C



474023

Complementary

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



064750



500F06

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.



533B26



064750



5B353E

Square

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



064750



453B57



5A3730



384428

Rectangle

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



064750



28425C



5A3730



4B3E24

Sweetspot

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



064750



4B6569



06500F



233336



B5B5B5



363636

Same Dimension

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



064750



005C69



062250



252829



00CCE8

Inverse Universe

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



500647



69005C



503406



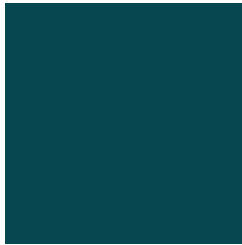
292528



E800CC

Previews

White Background



This preview shows how the Hex color 064750 looks on a white background.

Color Contrast Check

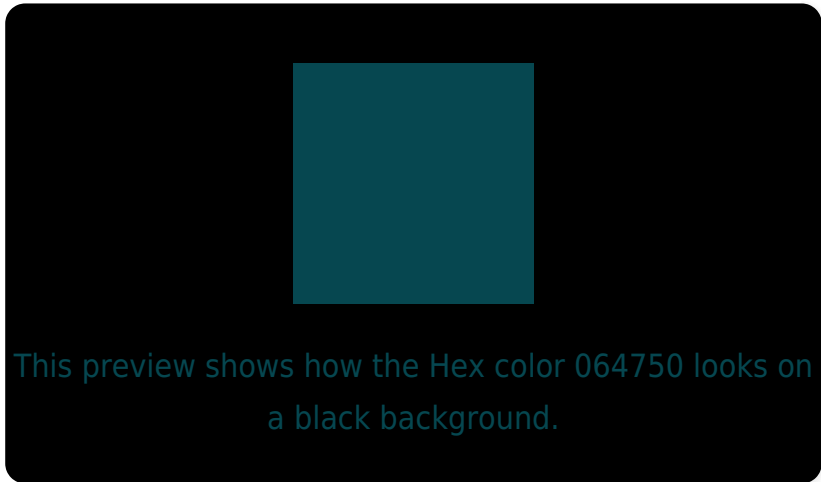
Large Text (above 18pt) WCAG AA ✓ Pass

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

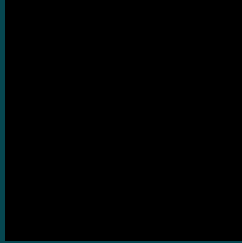
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

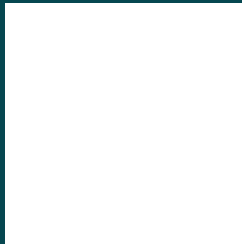
Any Text WCAG AAA × Fail

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

Hex 064750 Background



This preview shows how black text looks on a background with the Hex color 064750.

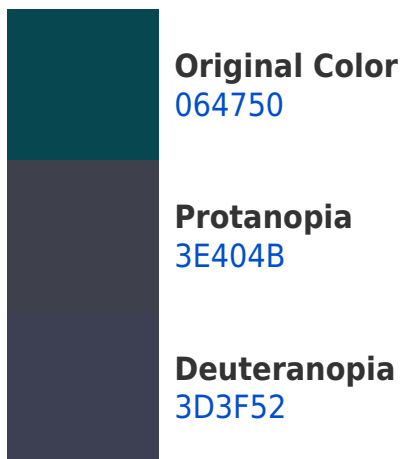



This preview shows how white text looks on a background with the Hex color 064750.

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](#).

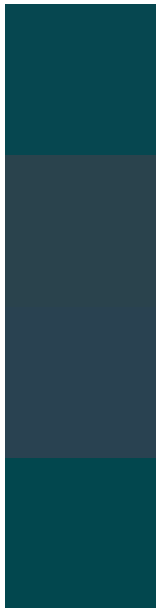
Dichromacy





Tritanopia
00474D

Trichromacy



Original Color
064750

Protanomaly
2A434D

Deuteranomaly
294251

Tritanomaly
02474E

Monochromacy



Original Color
064750

Achromatopsia
353535

Achromatomaly
243C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 064750 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 #064750 looks like.

```
.text, #text, p{  
    color:#064750  
}
```

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 #064750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064750
}
```

Border

The CSS property to change the border of an element to Hex 064750 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
#064750 }
```

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

```
.border{ border-color:#064750 }
```

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

Here you see how a box with a 4 pixel #064750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064750; -webkit-box-shadow:4px 4px  
4px 4px #064750; box-shadow:4px 4px 4px  
4px #064750 }
```

Background

The CSS property to change the background color of an element to Hex 064750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064750 }
```

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

```
.background{ background-color:#064750 }
```

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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