

Converting Colors

Hex(064752)

Have a look what the booklet for
Hex(064752) contains.

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Color

Hex(064752)

Conversions

Conversions Part 1

Format	Color
Hex	064752
RGB	6, 71, 82
RGB Percent	2%, 28%, 32%
CMY	0.9765, 0.7216, 0.6784
CMYK	0.93, 0.13, 0.00, 0.68
HSL	189°, 86%, 17%
HSV	189°, 93%, 32%
XYZ	3.8513, 5.1544, 8.7746
YIQ	52.8190, -42.2710, -10.3590

Conversions

Conversions Part 2

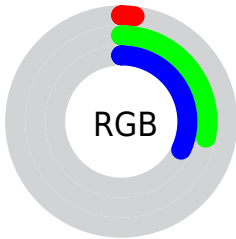
Format	Color
RYB	6, 41, 82
Decimal	411474
CIELab	27.17, -14.34, -11.96
CIELCh	27, 18.672, 219.816
Yxy	5.1544, 0.2166, 0.2899
Android (android.graphics.Color)	4278601554 (0xFF064752)
YUV	52.8190, 14.3862, -41.0603
Hunter-Lab	22.7033, -9.4504, -7.0226

Details

The Hex color **064752** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **521106**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **427883**, and **001C25** is the 20% darker color. If you saturate the color by 10%, you get **004652**, and if you desaturate by 10%, it is **0E4852**.

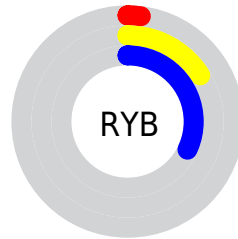
Distribution



Red (2%)

Green (28%)

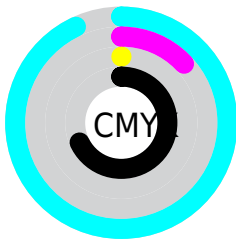
Blue (32%)



Red (2%)

Yellow (16%)

Blue (32%)

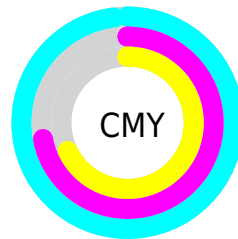


Cyan (93%)

Magenta (13%)

Yellow (0%)

Black (68%)



Cyan (98%)

Magenta (72%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 064752 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 064752 by changing the saturation by 10% instead.

064752

064752

FFFFFF

00303B

427883

001C25

5C919D

000110

77ACB8

000000

92C7D4

ADE3F0

C9FFFF

E6FFFF

064752

064752

■ 004652

■ 0E4852

■ 164952

■ 1F4B52

■ 274C52

■ 2F4D52

■ 374E52

■ 3F4F52

■ 485052

■ 505252

Harmonies

Analogous

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



104845



064752



1B445B

Triad

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



064752



56364A



454124

Complementary

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



064752



521106

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.



523C26



064752



5C353C

Square

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



064752



483B56



5A372F



35452A

Rectangle

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



064752



2B425D



5A372F



4A3F23

Sweetspot

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



064752



4D676B



065210



233336



B5B5B5



363636

Same Dimension

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



064752



005C6B



062252



252829



005969



00C6E8

Inverse Universe

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



520647



6B005C



523606



292528



690059



E800C6

Previews

White Background



This preview shows how the Hex color 064752 looks on a white background.

Color Contrast Check

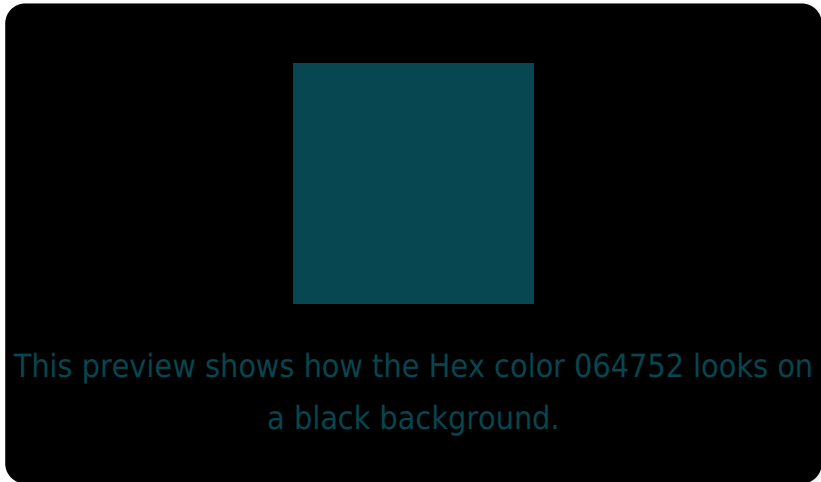
Large Text (above 18pt) WCAG AA ✓ Pass

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

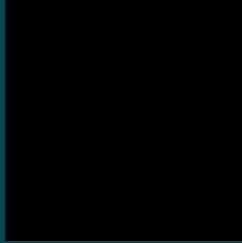
Any Text WCAG AA × Fail

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 064752 Background



This preview shows how black text looks on a background with the Hex color 064752.

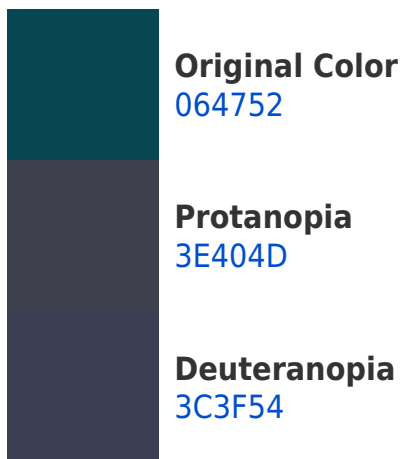



This preview shows how white text looks on a background with the Hex color 064752.

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](#).

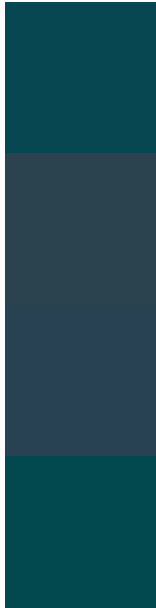
Dichromacy





Tritanopia
00484D

Trichromacy



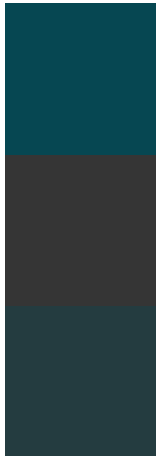
Original Color
064752

Protanomaly
2A434F

Deuteranomaly
284253

Tritanomaly
02484F

Monochromacy



Original Color
064752

Achromatopsia
353535

Achromatomaly
243C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 064752 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 #064752 looks like.

```
.text, #text, p{  
    color:#064752  
}
```

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 #064752 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #064752
}
```

Border

The CSS property to change the border of an element to Hex 064752 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
#064752 }
```

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

```
.border{ border-color:#064752 }
```

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

Here you see how a box with a 4 pixel #064752 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #064752; -webkit-box-shadow:4px 4px  
4px 4px #064752; box-shadow:4px 4px 4px  
4px #064752 }
```

Background

The CSS property to change the background color of an element to Hex 064752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#064752 }
```

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

```
.background{ background-color:#064752 }
```

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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