

Converting Colors

Hex(06464D)

Have a look what the booklet for
Hex(06464D) contains.

Hex(06464D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(06464D)

Conversions

Conversions Part 1

Format	Color
Hex	06464D
RGB	6, 70, 77
RGB Percent	2%, 27%, 30%
CMY	0.9765, 0.7255, 0.6980
CMYK	0.92, 0.09, 0.00, 0.70
HSL	186°, 86%, 16%
HSV	186°, 92%, 30%
XYZ	3.6048, 4.9549, 7.7876
YIQ	51.6620, -40.3910, -11.3910

Conversions

Conversions Part 2

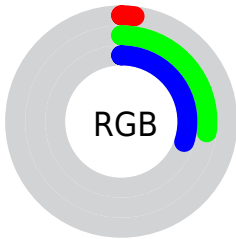
Format	Color
R_{YB}	6, 40, 77
Decimal	411213
CIE _{Lab}	26.61, -15.65, -9.56
CIE _{LCh}	27, 18.344, 211.413
Yxy	4.9549, 0.2205, 0.3031
Android (android.graphics.Color)	4278601293 (0xFF06464D)
YUV	51.6620, 12.4916, -40.0456
Hunter-Lab	22.2595, -10.0469, -5.1612

Details

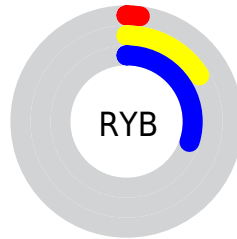
The Hex color **06464D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D0D06**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **41777E**, and **001C21** is the 20% darker color. If you saturate the color by 10%, you get **00454D**, and if you desaturate by 10%, it is **0E474D**.

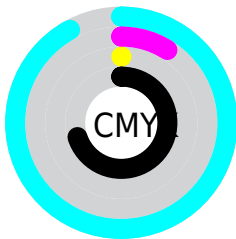
Distribution



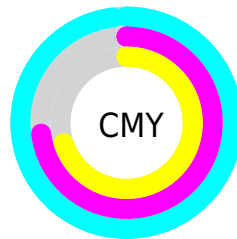
- Red (2%)
- Green (27%)
- Blue (30%)



- Red (2%)
- Yellow (16%)
- Blue (30%)



- Cyan (92%)
- Magenta (9%)
- Yellow (0%)
- Black (70%)



- Cyan (98%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06464D 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 06464D by changing the saturation by 10% instead.

06464D

06464D

FFFFFF

002F36

41777E

001C21

5B9098

000009

75ABB3

000000

90C6CE

ABE2EA

C7FFFF

E4FFFF

06464D

06464D

■ 00454D

■ 0E474D

■ 15484D

■ 1D484D

■ 25494D

■ 2D4A4D

■ 344B4D

■ 3C4B4D

■ 444C4D

■ 4B4D4D

Harmonies

Analogous

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



15463F



06464D



144457

Triad

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



06464D



51364D



483E23

Complementary

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



06464D



4D0D06

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.



533927



06464D



59343F

Square

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



06464D



413B57



5A3531



394227

Rectangle

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



06464D



24415A



5A3531



4C3D23

Sweetspot

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



06464D



486163



064D0C



223133



B3B3B3



333333

Same Dimension

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



06464D



005A63



06244D



222626



005C66



00CFE6

Inverse Universe

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



4D0646



63005A



4D2F06



262226



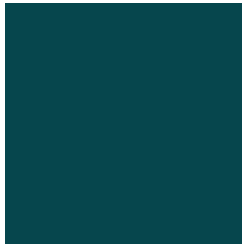
66005C



E600CF

Previews

White Background



This preview shows how the Hex color 06464D 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

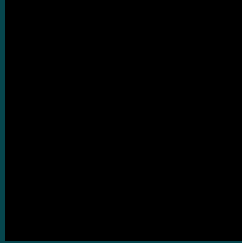
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

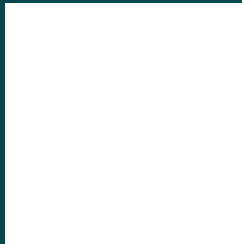
Any Text WCAG AAA × Fail

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

Hex 06464D Background



This preview shows how black text looks on a background with the Hex color 06464D.

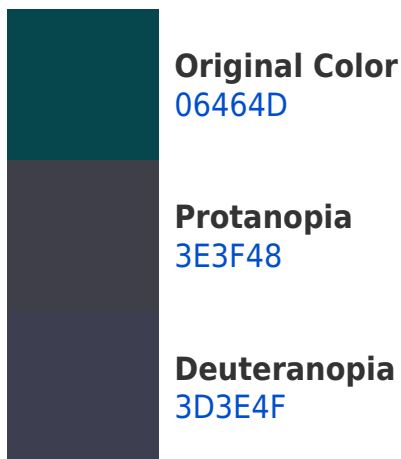



This preview shows how white text looks on a background with the Hex color 06464D.

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](#).

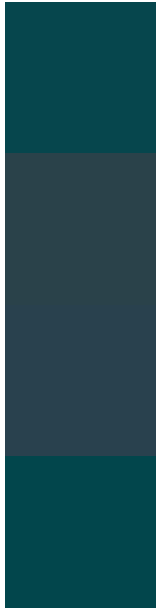
Dichromacy





Tritanopia
00464C

Trichromacy



Original Color
06464D

Protanomaly
2A424A

Deuteranomaly
29414E

Tritanomaly
02464C

Monochromacy



Original Color
06464D

Achromatopsia
343434

Achromatomaly
233B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 06464D 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 #06464D looks like.

```
.text, #text, p{  
    color:#06464D  
}
```

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 #06464D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06464D
}
```

Border

The CSS property to change the border of an element to Hex 06464D 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
#06464D }
```

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

```
.border{ border-color:#06464D }
```

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

Here you see how a box with a 4 pixel #06464D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06464D; -webkit-box-shadow:4px 4px  
4px 4px #06464D; box-shadow:4px 4px 4px  
4px #06464D }
```

Background

The CSS property to change the background color of an element to Hex 06464D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06464D }
```

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

```
.background{ background-color:#06464D }
```

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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