

Converting Colors

Hex(06464F)

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

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Color

Hex(06464F)

Conversions

Conversions Part 1

Format	Color
Hex	06464F
RGB	6, 70, 79
RGB Percent	2%, 27%, 31%
CMY	0.9765, 0.7255, 0.6902
CMYK	0.92, 0.11, 0.00, 0.69
HSL	187°, 86%, 17%
HSV	187°, 92%, 31%
XYZ	3.6765, 4.9835, 8.1653
YIQ	51.8900, -41.0330, -10.7690

Conversions

Conversions Part 2

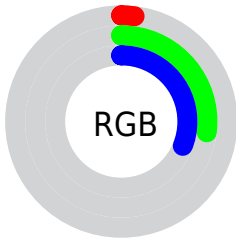
Format	Color
RYB	6, 40, 79
Decimal	411215
CIELab	26.69, -14.90, -10.74
CIELCh	27, 18.369, 215.782
Yxy	4.9835, 0.2185, 0.2962
Android (android.graphics.Color)	4278601295 (0xFF06464F)
YUV	51.8900, 13.3652, -40.2455
Hunter-Lab	22.3239, -9.6694, -6.0595

Details

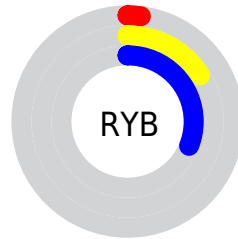
The Hex color **06464F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F0F06**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **417780**, and **001C23** is the 20% darker color. If you saturate the color by 10%, you get **00454F**, and if you desaturate by 10%, it is **0E474F**.

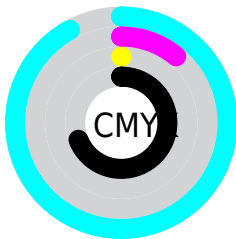
Distribution



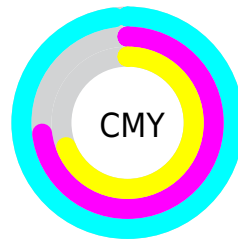
- Red (2%)
- Green (27%)
- Blue (31%)



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



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



- Cyan (98%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

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



06464F



06464F

FFFFFF



002F38



417780



001C23



5B909A



00000C



76ABB5



000000



91C6D0



ACE2ED



C8FFFF



E5FFFF



06464F



06464F

■ 00454F

■ 0E474F

■ 16484F

■ 1E494F

■ 264A4F

■ 2E4B4F

■ 354C4F

■ 3D4D4F

■ 454E4F

■ 4D4F4F

Harmonies

Analogous

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



134741



06464F



174458

Triad

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



06464F



53364B



463F23

Complementary

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



06464F



4F0F06

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.



523A26



06464F



5A343D

Square

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



06464F



443A56



59362F



374328

Rectangle

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



06464F



28415B



59362F



4A3E23

Sweetspot

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



06464F



496266



064F0F



223133



B3B3B3



333333

Same Dimension

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



06464F



005966



06224F



222626



00C9E6

Inverse Universe

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



4F0646



660059



4F3306



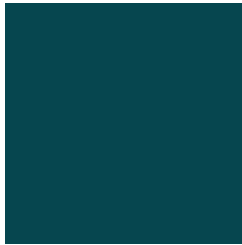
262226



E600C9

Previews

White Background



This preview shows how the Hex color 06464F looks on a white background.

Color Contrast Check

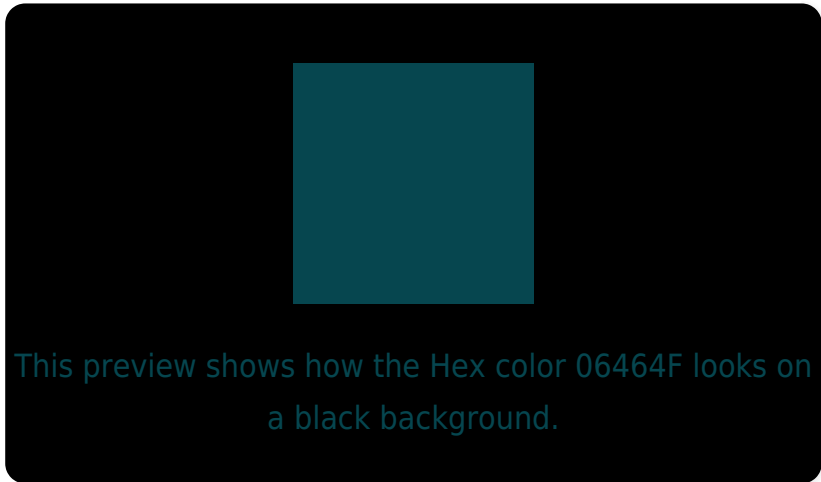
Large Text (above 18pt) WCAG AA ✓ Pass

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

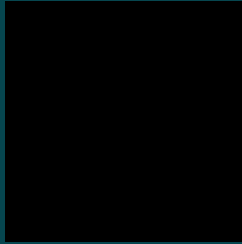
Any Text WCAG AA × Fail

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 06464F Background



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

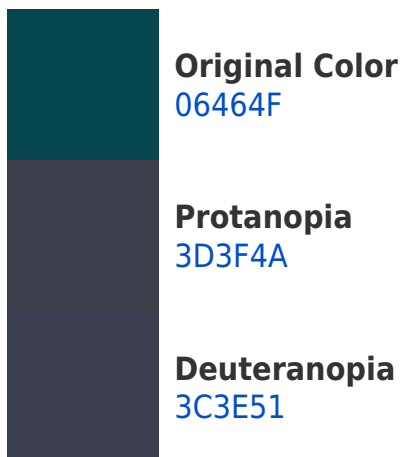



This preview shows how white text looks on a background with the Hex color 06464F.

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](#).

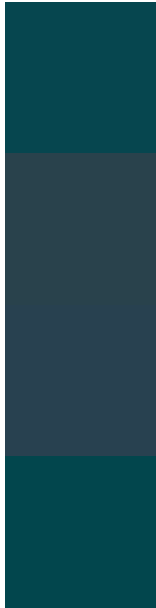
Dichromacy





Tritanopia
00464C

Trichromacy



Original Color
06464F

Protanomaly
29424C

Deuteranomaly
284150

Tritanomaly
02464D

Monochromacy



Original Color
06464F

Achromatopsia
343434

Achromatomaly
233B3E

CSS Examples

Text

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

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

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 #06464F colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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