

Converting Colors

Hex(0C464F)

Have a look what the booklet for
Hex(0C464F) contains.

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Color

Hex(0C464F)

Conversions

Conversions Part 1

Format	Color
Hex	0C464F
RGB	12, 70, 79
RGB Percent	5%, 27%, 31%
CMY	0.9529, 0.7255, 0.6902
CMYK	0.85, 0.11, 0.00, 0.69
HSL	188°, 74%, 18%
HSV	188°, 85%, 31%
XYZ	3.7531, 5.0230, 8.1689
YIQ	53.6840, -37.4570, -9.4970

Conversions

Conversions Part 2

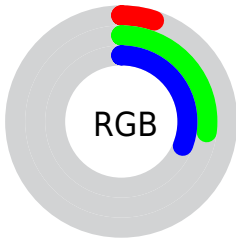
Format	Color
R_{YB}	12, 43, 79
Decimal	804431
CIE Lab	26.80, -14.22, -10.56
CIE LCh	27, 17.712, 216.594
Yxy	5.0230, 0.2215, 0.2964
Android (android.graphics.Color)	4278994511 (0xFF0C464F)
YUV	53.6840, 12.4808, -36.5569
Hunter-Lab	22.4120, -9.3299, -5.9219

Details

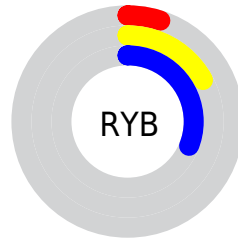
The Hex color **0C464F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F150C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **447780**, and **001B23** is the 20% darker color. If you saturate the color by 10%, you get **04454F**, and if you desaturate by 10%, it is **14474F**.

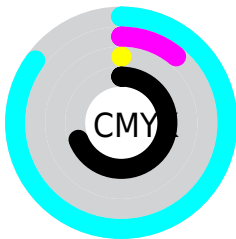
Distribution



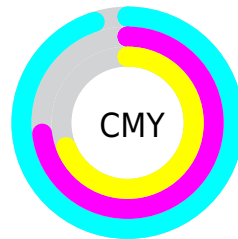
- Red (5%)
- Green (27%)
- Blue (31%)



- Red (5%)
- Yellow (17%)
- Blue (31%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C464F 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 0C464F by changing the saturation by 10% instead.

0C464F

0C464F

FFFFFF

002F38

447780

001B23

5E909A

00000C

78ABB5

000000

93C6D0

AEE2ED

CAFFFF

E7FFFF

0C464F

0C464F

■ 04454F

■ 14474F

■ 00444F

■ 1C484F

■ 24494F

■ 2C4A4F

■ 344B4F

■ 3B4C4F

■ 434D4F

■ 4B4E4F

■ 53504F

Harmonies

Analogous

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



154742



0C464F



1B4458

Triad

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



0C464F



53374A



463F24

Complementary

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



0C464F



4F150C

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.



513B27



0C464F



59353D

Square

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



0C464F



453B55



593730



374329

Rectangle

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



0C464F



2A415A



593730



4A3E24

Sweetspot

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



0C464F



4D6366



0C4F15



243133



B3B3B3



333333

Same Dimension

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



0C464F



005866



0C254F



222626



00C7E6

Inverse Universe

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



4F0C46



660058



4F360C



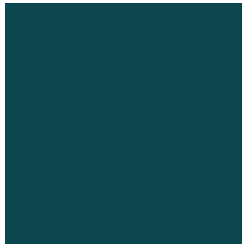
262226



E600C7

Previews

White Background



This preview shows how the Hex color 0C464F looks on a white background.

Color Contrast Check

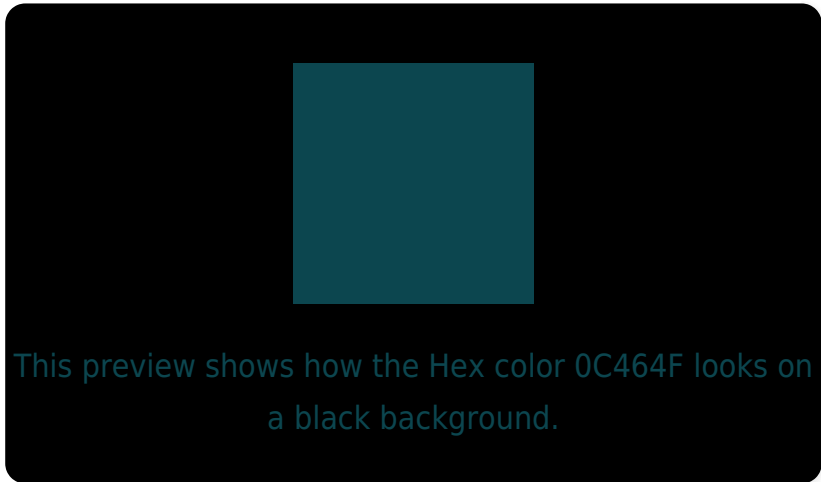
Large Text (above 18pt) WCAG AA ✓ Pass

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

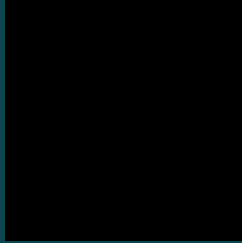
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

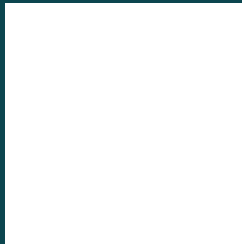
Any Text WCAG AAA × Fail

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

Hex 0C464F Background



This preview shows how black text looks on a background with the Hex color 0C464F.



This preview shows how white text looks on a background with the Hex color 0C464F.

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
0C464F

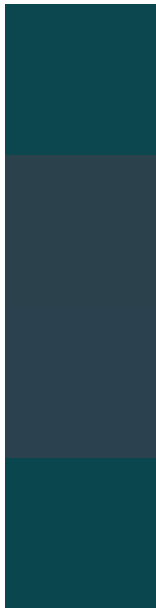
Protanopia
3D3F4A

Deuteranopia
3C3E51



Tritanopia
07464C

Trichromacy



Original Color
0C464F

Protanomaly
2B424C

Deuteranomaly
2B4150

Tritanomaly
09464D

Monochromacy



Original Color
0C464F

Achromatopsia
363636

Achromatomaly
273C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C464F 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 #0C464F looks like.

```
.text, #text, p{  
    color:#0C464F  
}
```

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 #0C464F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C464F
}
```

Border

The CSS property to change the border of an element to Hex 0C464F 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
#0C464F }
```

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

```
.border{ border-color:#0C464F }
```

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

Here you see how a box with a 4 pixel #0C464F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C464F; -webkit-box-shadow:4px 4px  
4px 4px #0C464F; box-shadow:4px 4px 4px  
4px #0C464F }
```

Background

The CSS property to change the background color of an element to Hex 0C464F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C464F }
```

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

```
.background{ background-color:#0C464F }
```

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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