

Converting Colors

Hex(0C6666)

Have a look what the booklet for
Hex(0C6666) contains.

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Color

Hex(0C6666)

Conversions

Conversions Part 1

Format	Color
Hex	0C6666
RGB	12, 102, 102
RGB Percent	5%, 40%, 40%
CMY	0.9529, 0.6000, 0.6000
CMYK	0.88, 0.00, 0.00, 0.60
HSL	180°, 79%, 22%
HSV	180°, 88%, 40%
XYZ	7.3013, 10.5402, 14.2200
YIQ	75.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

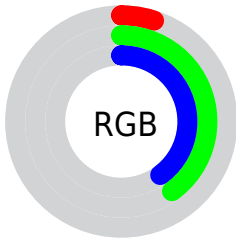
Format	Color
RYB	12, 57, 102
Decimal	812646
CIELab	38.80, -23.64, -7.00
CIELCh	39, 24.652, 196.490
Yxy	10.5402, 0.2277, 0.3287
Android (android.graphics.Color)	4279002726 (0xFF0C6666)
YUV	75.0900, 13.2666, -55.3299
Hunter-Lab	32.4657, -16.6718, -3.2431

Details

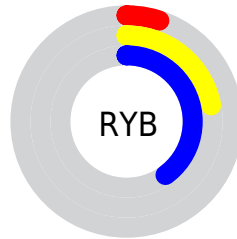
The Hex color **0C6666** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **660C0C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4D9999**, and **003637** is the 20% darker color. If you saturate the color by 10%, you get **026666**, and if you desaturate by 10%, it is **166666**.

Distribution



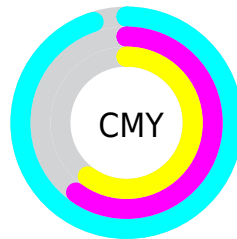
- Red (5%)
- Green (40%)
- Blue (40%)



- Red (5%)
- Yellow (22%)
- Blue (40%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (95%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C6666 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 0C6666 by changing the saturation by 10% instead.



0C6666



0C6666

FFFFFF



004E4E



4D9999



003637



69B4B4



002222



84D0CF



00000C



A0ECEB



000000



BCFFFF



D9FFFF



F6FFFF



0C6666



0C6666

■ 026666

■ 166666

■ 006666

■ 206666

■ 2B6666

■ 356666

■ 3F6666

■ 496666

■ 536666

■ 5E6666

■ 686666

Harmonies

Analogous

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



2D6551



0C6666



046478

Triad

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



0C6666



6B5277



705734

Complementary

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



0C6666



660C0C

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.



7E503F



0C6666



7D4D65

Square

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



0C6666



505A82



824C51



5D5E34

Rectangle

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



0C6666



216280



824C51



765537

Sweetspot

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



0C6666



628585



0C660C



2E4242



C2C2C2



424242

Same Dimension

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



0C6666



008585



0C3966



2E3333



007373



00F2F2

Inverse Universe

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



660C66



850085



66390C



332E33



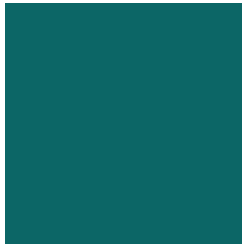
730073



F200F2

Previews

White Background



This preview shows how the Hex color 0C6666 looks on a white background.

Color Contrast Check

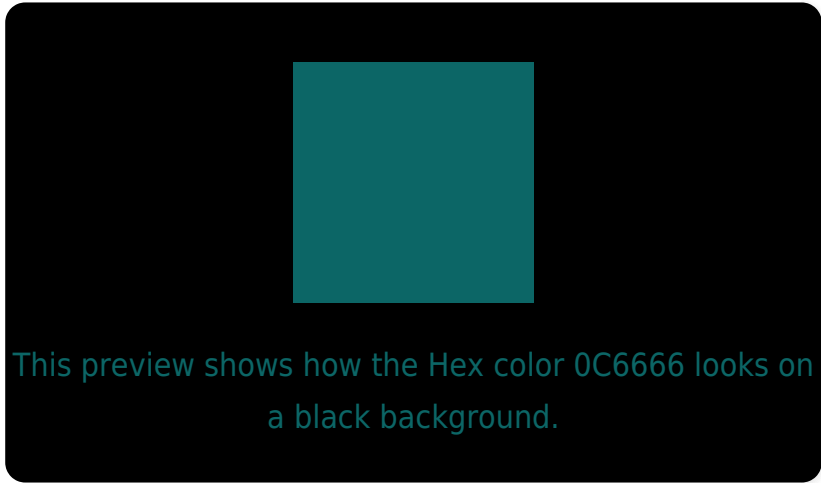
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

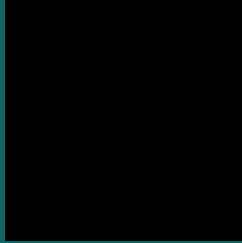
Any Text WCAG AA × Fail

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 0C6666 Background



This preview shows how black text looks on a background with the Hex color 0C6666.



This preview shows how white text looks on a background with the Hex color 0C6666.

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
0C6666

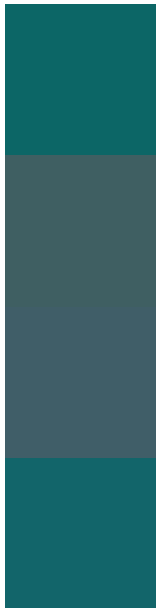
Protanopia
5C5B5F

Deuteranopia
5D5969



Tritanopia
15656D

Trichromacy



Original Color
0C6666

Protanomaly
3F5F62

Deuteranomaly
405E68

Tritanomaly
12656A

Monochromacy



Original Color
0C6666

Achromatopsia
4B4B4B

Achromatomaly
345555

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C6666 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 #0C6666 looks like.

```
.text, #text, p{  
    color:#0C6666  
}
```

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 #0C6666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6666
}
```

Border

The CSS property to change the border of an element to Hex 0C6666 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
#0C6666 }
```

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

```
.border{ border-color:#0C6666 }
```

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

Here you see how a box with a 4 pixel #0C6666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6666; -webkit-box-shadow:4px 4px  
4px 4px #0C6666; box-shadow:4px 4px 4px  
4px #0C6666 }
```

Background

The CSS property to change the background color of an element to Hex 0C6666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6666 }
```

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

```
.background{ background-color:#0C6666 }
```

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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