

Converting Colors

Hex(0C5959)

Have a look what the booklet for
Hex(0C5959) contains.

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Color

Hex(0C5959)

Conversions

Conversions Part 1

Format	Color
Hex	0C5959
RGB	12, 89, 89
RGB Percent	5%, 35%, 35%
CMY	0.9529, 0.6510, 0.6510
CMYK	0.87, 0.00, 0.00, 0.65
HSL	180°, 76%, 20%
HSV	180°, 87%, 35%
XYZ	5.5272, 7.9442, 10.6933
YIQ	65.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

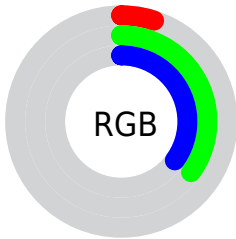
Format	Color
R_{YB}	12, 51, 89
Decimal	809305
CIE _{Lab}	33.87, -21.23, -6.30
CIE _{LCh}	34, 22.143, 196.523
Yxy	7.9442, 0.2287, 0.3288
Android (android.graphics.Color)	4278999385 (0xFF0C5959)
YUV	65.9770, 11.3503, -47.3378
Hunter-Lab	28.1854, -14.3206, -2.7642

Details

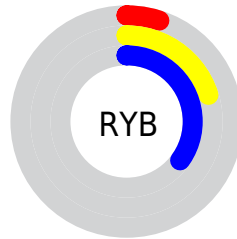
The Hex color **0C5959** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **590C0C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **498B8B**, and **002B2C** is the 20% darker color. If you saturate the color by 10%, you get **035959**, and if you desaturate by 10%, it is **155959**.

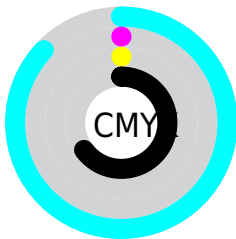
Distribution



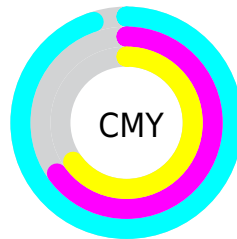
- Red (5%)
- Green (35%)
- Blue (35%)



- Red (5%)
- Yellow (20%)
- Blue (35%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5959 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 0C5959 by changing the saturation by 10% instead.

0C5959

0C5959

FFFFFF

004142

498B8B

002B2C

64A6A5

001717

7EC1C0

000000

9ADDDC

B6FAF9

D2FFFF

FFFFFF

0C5959

0C5959

■ 035959

■ 155959

■ 005959

■ 1E5959

■ 275959

■ 305959

■ 395959

■ 415959

■ 4A5959

■ 535959

■ 5C5959

Harmonies

Analogous

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



275847



0C5959



075769

Triad

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



0C5959



5E4868



624C2E

Complementary

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



0C5959



590C0C

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.



6E4637



0C5959



6D4358

Square

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



0C5959



464E71



724247



51522D

Rectangle

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



0C5959



1D556F



724247



674A30

Sweetspot

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



0C5959



557373



0C590C



283B3B



BABABA



3B3B3B

Same Dimension

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



0C5959



007373



0C3259



272B2B



006B6B



00EBEB

Inverse Universe

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



590C59



730073



59320C



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 0C5959 looks on a white background.

Color Contrast Check

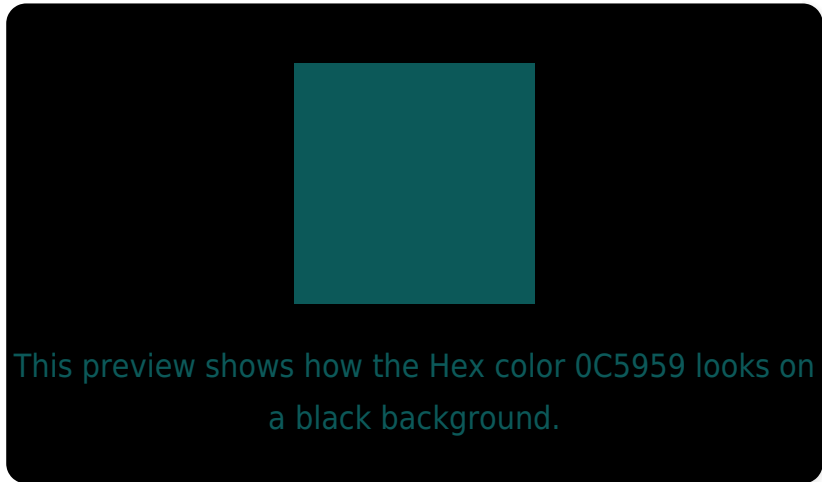
Large Text (above 18pt) WCAG AA ✓ Pass

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

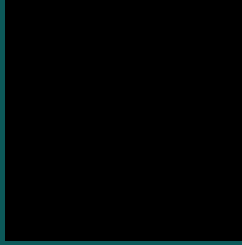
Any Text WCAG AA × Fail

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 0C5959 Background



This preview shows how black text looks on a background with the Hex color 0C5959.



This preview shows how white text looks on a background with the Hex color 0C5959.

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
0C5959

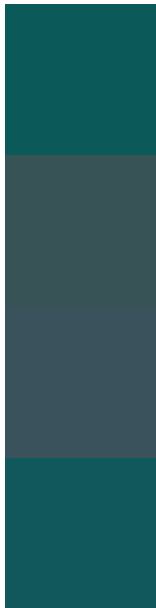
Protanopia
504F53

Deuteranopia
524E5C



Tritanopia
14585F

Trichromacy



Original Color
0C5959

Protanomaly
375355

Deuteranomaly
39525B

Tritanomaly
11585D

Monochromacy



Original Color
0C5959

Achromatopsia
424242

Achromatomaly
2E4A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5959 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 #0C5959 looks like.

```
.text, #text, p{  
    color:#0C5959  
}
```

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 #0C5959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5959
}
```

Border

The CSS property to change the border of an element to Hex 0C5959 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
#0C5959 }
```

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

```
.border{ border-color:#0C5959 }
```

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

Here you see how a box with a 4 pixel #0C5959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5959; -webkit-box-shadow:4px 4px  
4px 4px #0C5959; box-shadow:4px 4px 4px  
4px #0C5959 }
```

Background

The CSS property to change the background color of an element to Hex 0C5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5959 }
```

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

```
.background{ background-color:#0C5959 }
```

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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