

Converting Colors

Hex(0C58A3)

Have a look what the booklet for
Hex(0C58A3) contains.

| | |
|--|----|
| Hex(0C58A3) | 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(0C58A3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 0C58A3 |
| RGB | 12, 88, 163 |
| RGB Percent | 5%, 35%, 64% |
| CMY | 0.9529, 0.6549, 0.3608 |
| CMYK | 0.93, 0.46, 0.00, 0.36 |
| HSL | 210°, 86%, 34% |
| HSV | 210°, 93%, 64% |
| XYZ | 10.2522, 9.7020, 35.9826 |
| YIQ | 73.8260, -69.3710, 7.2130 |

Conversions

Conversions Part 2

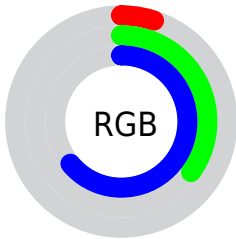
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 12, 63, 163 |
| Decimal | 809123 |
| CIE Lab | 37.30, 8.26, -46.37 |
| CIE LCh | 37, 47.104, 280.100 |
| Yxy | 9.7020, 0.1833, 0.1734 |
| Android (android.graphics.Color) | 4278999203 (0xFF0C58A3) |
| YUV | 73.8260, 43.9628, -54.2214 |
| Hunter-Lab | 31.1480, 4.2435, -46.6892 |

Details

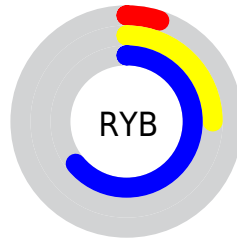
The Hex color **0C58A3** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A3570C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5A89DA**, and **002C6F** is the 20% darker color. If you saturate the color by 10%, you get **0052A3**, and if you desaturate by 10%, it is **1C60A3**.

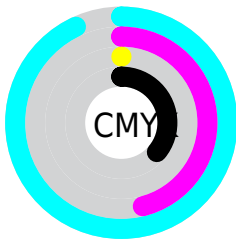
Distribution



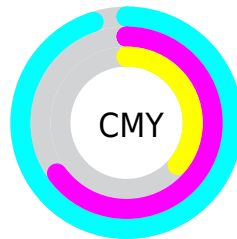
- Red (5%)
- Green (35%)
- Blue (64%)



- Red (5%)
- Yellow (25%)
- Blue (64%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C58A3 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 0C58A3 by changing the saturation by 10% instead.

■ 0C58A3

■ 0C58A3

FFFFFF

■ 004188

■ 5A89DA

■ 002C6F

■ 78A3F7

■ 001856

■ 95BEFF

■ 00063E

■ B2DAFF

■ 000327

■ D0F6FF

■ 000110

■ EDFFFF

■ 000000

■ 0C58A3

■ 0C58A3

■ 0052A3

■ 1C60A3

■ 2D68A3

■ 3D70A3

■ 4D78A3

■ 5E80A3

■ 6E89A3

■ 7E91A3

■ 8E99A3

■ 9FA1A3

Harmonies

Analogous

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



00639F



0C58A3



694892

Triad

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



0C58A3



943C29



00683C

Complementary

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



0C58A3



A3570C

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.



346317



0C58A3



7E4C07

Square

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



0C58A3



9B314D



5E5A00



006964

Rectangle

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



0C58A3



853C7E



5E5A00



006630

Sweetspot

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



0C58A3



98B6D4



0CA355



47596B



EBEBEB



6B6B6B

Same Dimension

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



0C58A3



006BD4



0C0FA3



494E52



004991



000912

Inverse Universe

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



A30C58



D4006B



A3A00C



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color 0C58A3 looks on a white background.

Color Contrast Check

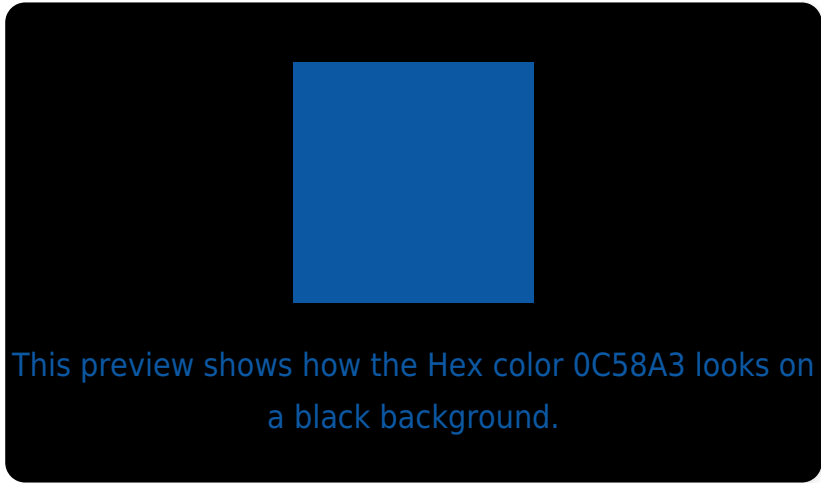
Large Text (above 18pt) WCAG AA ✓ Pass

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

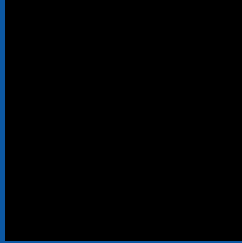
Any Text WCAG AA × Fail

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 0C58A3 Background



This preview shows how black text looks on a background with the Hex color 0C58A3.

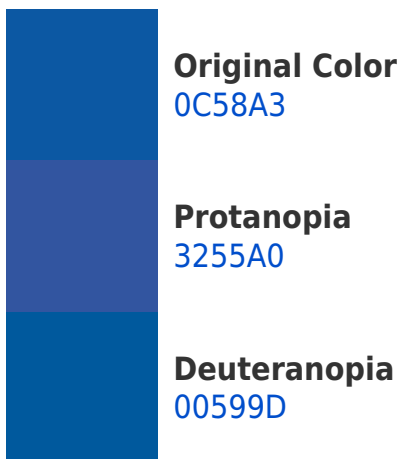


This preview shows how white text looks on a background with the Hex color 0C58A3.

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
006168

Trichromacy



Original Color
0C58A3

Protanomaly
2456A1

Deuteranomaly
04599F

Tritanomaly
045E7D

Monochromacy



Original Color
0C58A3

Achromatopsia
4A4A4A

Achromatomaly
334F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C58A3 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 #0C58A3 looks like.

```
.text, #text, p{  
    color:#0C58A3  
}
```

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 #0C58A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C58A3
}
```

Border

The CSS property to change the border of an element to Hex 0C58A3 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
#0C58A3 }
```

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

```
.border{ border-color:#0C58A3 }
```

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

Here you see how a box with a 4 pixel #0C58A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C58A3; -webkit-box-shadow:4px 4px  
4px 4px #0C58A3; box-shadow:4px 4px 4px  
4px #0C58A3 }
```

Background

The CSS property to change the background color of an element to Hex 0C58A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C58A3 }
```

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

```
.background{ background-color:#0C58A3 }
```

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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