

Converting Colors

Hex(0C4EA7)

Have a look what the booklet for
Hex(0C4EA7) contains.

| | |
|--|----|
| Hex(0C4EA7) | 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(0C4EA7)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0C4EA7 |
| RGB | 12, 78, 167 |
| RGB Percent | 5%, 31%, 65% |
| CMY | 0.9529, 0.6941, 0.3451 |
| CMYK | 0.93, 0.53, 0.00, 0.35 |
| HSL | 214°, 87%, 35% |
| HSV | 214°, 93%, 65% |
| XYZ | 9.8511, 8.3170, 37.6453 |
| YIQ | 68.4120, -67.9050, 13.6870 |

Conversions

Conversions Part 2

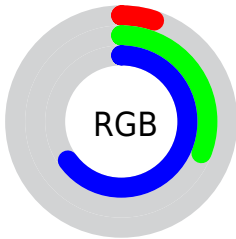
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 12, 58, 167 |
| Decimal | 806567 |
| CIE _{Lab} | 34.63, 16.61, -53.07 |
| CIE _{LCh} | 35, 55.611, 287.382 |
| Yxy | 8.3170, 0.1765, 0.1490 |
| Android (android.graphics.Color) | 4278996647 (0xFF0C4EA7) |
| YUV | 68.4120, 48.6039, -49.4733 |
| Hunter-Lab | 28.8391, 10.5047, -57.2071 |

Details

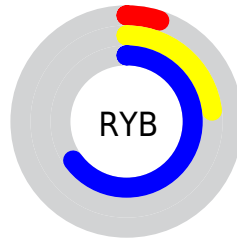
The Hex color **0C4EA7** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A7650C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5B7EDF**, and **002372** is the 20% darker color. If you saturate the color by 10%, you get **0047A7**, and if you desaturate by 10%, it is **1D58A7**.

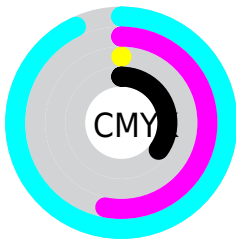
Distribution



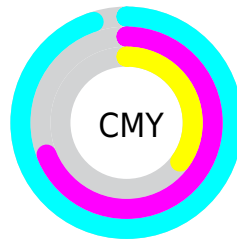
- Red (5%)
- Green (31%)
- Blue (65%)



- Red (5%)
- Yellow (23%)
- Blue (65%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)
- Black (35%)



- Cyan (95%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C4EA7 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 0C4EA7 by changing the saturation by 10% instead.

■ 0C4EA7

■ 0C4EA7

FFFFFF

■ 00388C

■ 5B7EDF

■ 002372

■ 7998FC

■ 000F59

■ 97B3FF

■ 000741

■ B4CEFF

■ 00032A

■ D2EAFF

■ 000114

■ F0FFFF

■ 000000

■ 0C4EA7

■ 0C4EA7

■ 0047A7

■ 1D58A7

■ 2D61A7

■ 3E6BA7

■ 4F74A7

■ 5F7EA7

■ 7088A7

■ 8191A7

■ 929BA7

■ A2A4A7

Harmonies

Analogous

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



005CA9



0C4EA7



72378E

Triad

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



0C4EA7



90330E



00633D

Complementary

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



0C4EA7



A7650C

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.



045F0A



0C4EA7



734900

Square

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



0C4EA7



9E1B3A



4C5700



00656B

Rectangle

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



0C4EA7



8D2574



4C5700



00622D

Sweetspot

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



0C4EA7



9CB6D9



0CA764



48586E



EDEDED



6E6E6E

Same Dimension

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



0C4EA7



005CD9



160CA7



4C4F54



003F94



000914

Inverse Universe

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



A70C4E



D9005C



9DA70C



544C4F



94003F



140009

Previews

White Background



This preview shows how the Hex color 0C4EA7 looks on a white background.

Color Contrast Check

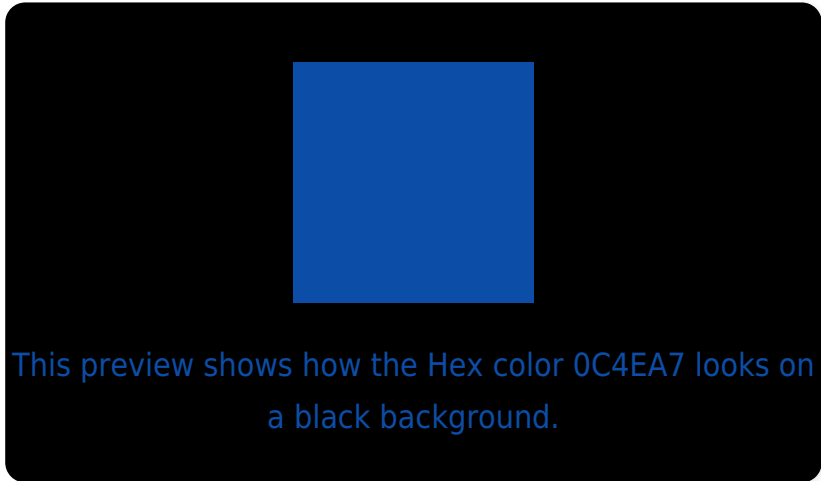
Large Text (above 18pt) WCAG AA ✓ Pass

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

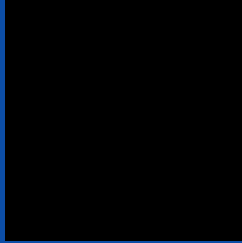
Any Text WCAG AA × Fail

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 0C4EA7 Background



This preview shows how black text looks on a background with the Hex color 0C4EA7.



This preview shows how white text looks on a background with the Hex color 0C4EA7.

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
0C4EA7

Protanopia
004EA7

Deuteranopia
005390



Tritanopia
005A60

Trichromacy



Original Color
0C4EA7

Protanomaly
044EA7

Deuteranomaly
045198

Tritanomaly
04567A

Monochromacy



Original Color
0C4EA7

Achromatopsia
444444

Achromatomaly
304868

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C4EA7 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 #0C4EA7 looks like.

```
.text, #text, p{  
    color:#0C4EA7  
}
```

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 #0C4EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4EA7
}
```

Border

The CSS property to change the border of an element to Hex 0C4EA7 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
#0C4EA7 }
```

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

```
.border{ border-color:#0C4EA7 }
```

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

Here you see how a box with a 4 pixel #0C4EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4EA7; -webkit-box-shadow:4px 4px  
4px 4px #0C4EA7; box-shadow:4px 4px 4px  
4px #0C4EA7 }
```

Background

The CSS property to change the background color of an element to Hex 0C4EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4EA7 }
```

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

```
.background{ background-color:#0C4EA7 }
```

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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