

Converting Colors

Hex(0C5AC4)

Have a look what the booklet for
Hex(0C5AC4) contains.

Hex(0C5AC4)	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(0C5AC4)

Conversions

Conversions Part 1

Format	Color
Hex	0C5AC4
RGB	12, 90, 196
RGB Percent	5%, 35%, 77%
CMY	0.9529, 0.6471, 0.2314
CMYK	0.94, 0.54, 0.00, 0.23
HSL	215°, 88%, 41%
HSV	215°, 94%, 77%
XYZ	13.7716, 11.3760, 53.6945
YIQ	78.7620, -80.5140, 16.4300

Conversions

Conversions Part 2

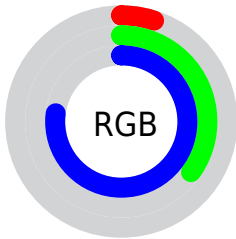
Format	Color
R_{YB}	12, 67, 196
Decimal	809668
CIE _{Lab}	40.21, 20.34, -61.10
CIE _{LCh}	40, 64.400, 288.415
Yxy	11.3760, 0.1747, 0.1443
Android (android.graphics.Color)	4278999748 (0xFF0C5AC4)
YUV	78.7620, 57.7983, -58.5503
Hunter-Lab	33.7283, 13.8586, -70.7780

Details

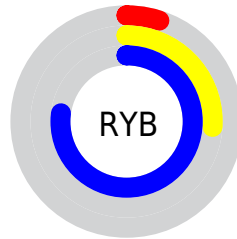
The Hex color **0C5AC4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C4760C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **638BFD**, and **002E8D** is the 20% darker color. If you saturate the color by 10%, you get **0053C4**, and if you desaturate by 10%, it is **2065C4**.

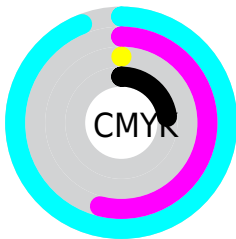
Distribution



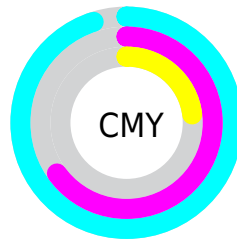
- Red (5%)
- Green (35%)
- Blue (77%)



- Red (5%)
- Yellow (26%)
- Blue (77%)



- Cyan (94%)
- Magenta (54%)
- Yellow (0%)
- Black (23%)



- Cyan (95%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5AC4 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 0C5AC4 by changing the saturation by 10% instead.



0C5AC4



0C5AC4

FFFFFF



0043A8



638BFD



002E8D



83A5FF



001B73



A1C0FF



00005A



C0DCFF



000741



DEF9FF



00032A

FDFFFF



000114



000000



0C5AC4



0C5AC4

■ 0053C4

■ 2065C4

■ 3371C4

■ 477CC4

■ 5A87C4

■ 6E92C4

■ 829EC4

■ 95A9C4

■ A9B4C4

■ BCC0C4

Harmonies

Analogous

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



006BC7



0C5AC4



873EA6

Triad

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



0C5AC4



A73B0B



007448

Complementary

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



0C5AC4



C4760C

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.



006F09



0C5AC4



845500

Square

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



0C5AC4



B91A41



556600



00757F

Rectangle

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



0C5AC4



A72787



556600



007335

Sweetspot

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



0C5AC4



B8D6FF



0CC474



546780



000000



808080

Same Dimension

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



0C5AC4



006CFF



180CC4



575B61



0044A1



000E21

Inverse Universe

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



C40C5A



FF006C



B8C40C



61575B



A10044



21000E

Previews

White Background



This preview shows how the Hex color 0C5AC4 looks on a white background.

Color Contrast Check

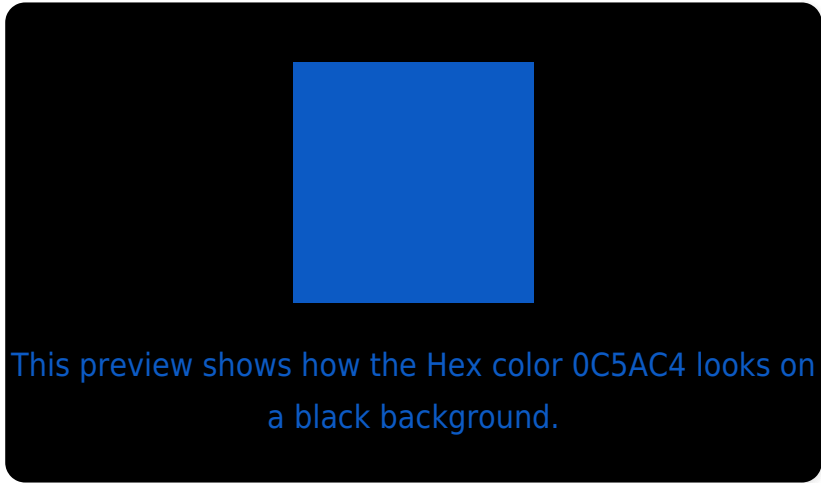
Large Text (above 18pt) WCAG AA ✓ Pass

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

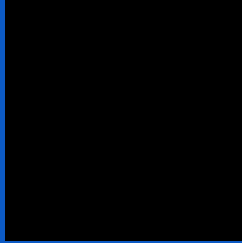
Any Text WCAG AA × Fail

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 0C5AC4 Background



This preview shows how black text looks on a background with the Hex color 0C5AC4.



This preview shows how white text looks on a background with the Hex color 0C5AC4.

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
0C5AC4

Protanopia
005BC1

Deuteranopia
0061A7



Tritanopia
00696F

Trichromacy



Original Color
0C5AC4

Protanomaly
045BC2

Deuteranomaly
045EB2

Tritanomaly
04648E

Monochromacy



Original Color
0C5AC4

Achromatopsia
4F4F4F

Achromatomaly
37537A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5AC4 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 #0C5AC4 looks like.

```
.text, #text, p{  
    color:#0C5AC4  
}
```

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 #0C5AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5AC4
}
```

Border

The CSS property to change the border of an element to Hex 0C5AC4 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
#0C5AC4 }
```

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

```
.border{ border-color:#0C5AC4 }
```

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

Here you see how a box with a 4 pixel #0C5AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5AC4; -webkit-box-shadow:4px 4px  
4px 4px #0C5AC4; box-shadow:4px 4px 4px  
4px #0C5AC4 }
```

Background

The CSS property to change the background color of an element to Hex 0C5AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5AC4 }
```

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

```
.background{ background-color:#0C5AC4 }
```

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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