

Converting Colors

Hex(0C5AE2)

Have a look what the booklet for
Hex(0C5AE2) contains.

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Color

Hex(0C5AE2)

Conversions

Conversions Part 1

Format	Color
Hex	0C5AE2
RGB	12, 90, 226
RGB Percent	5%, 35%, 89%
CMY	0.9529, 0.6471, 0.1137
CMYK	0.95, 0.60, 0.00, 0.11
HSL	218°, 90%, 47%
HSV	218°, 95%, 89%
XYZ	17.5353, 12.8815, 73.5137
YIQ	82.1820, -90.1440, 25.7600

Conversions

Conversions Part 2

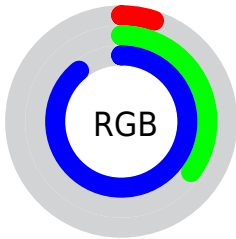
Format	Color
R _Y B	12, 69, 226
Decimal	809698
CIE Lab	42.58, 32.12, -74.45
CIE LCh	43, 81.082, 293.338
Yxy	12.8815, 0.1687, 0.1239
Android (android.graphics.Color)	4278999778 (0xFF0C5AE2)
YUV	82.1820, 70.9023, -61.5496
Hunter-Lab	35.8908, 24.4014, -96.3178




Details

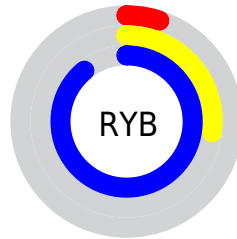
The Hex color **0C5AE2** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E2940C**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **6C8BFF**, and **002EA9** is the 20% darker color. If you saturate the color by 10%, you get **0052E2**, and if you desaturate by 10%, it is **2368E2**.

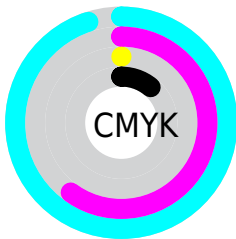
Distribution







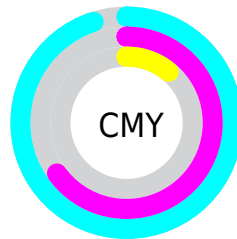
-  Red (5%)
-  Green (35%)
-  Blue (89%)






-  Red (5%)
-  Yellow (27%)
-  Blue (89%)



-  Cyan (95%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (11%)



-  Cyan (95%)
-  Magenta (65%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5AE2 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 0C5AE2 by changing the saturation by 10% instead.

 0C5AE2

 0C5AE2

FFFFFF

 0043C5

 6C8BFF

 002EA9

 8DA6FF

 001B8E

 ADC1FF

 000674

 CCDCFF

 000D5A

 ECF9FF

 000742

 00032A

 000115

 000000

■ 0C5AE2

■ 0C5AE2

■ 0052E2

■ 2368E2

■ 3977E2

■ 5085E2

■ 6693E2

■ 7DA2E2

■ 94B0E2

■ AABFE2

■ C1CDE2

■ D7DBE2

Harmonies

Analogous

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



0072EC



0C5AE2



A32BB6

Triad

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



0C5AE2



B63900



007E53

Complementary

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



0C5AE2



E2940C

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.



007A00



0C5AE2



885D00

Square

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



0C5AE2



D20035



497000



007F98

Rectangle

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



0C5AE2



C5008D



497000



007D3B

Sweetspot

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



0C5AE2



B8D2FF



0CE294



546480



000000



808080

Same Dimension

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



0C5AE2



005DFF



290CE2



656970



0040B0



001230

Inverse Universe

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



E20C5A



FF005D



C5E20C



706569



B00040



300012

Previews

White Background



This preview shows how the Hex color 0C5AE2 looks on a white background.

Color Contrast Check

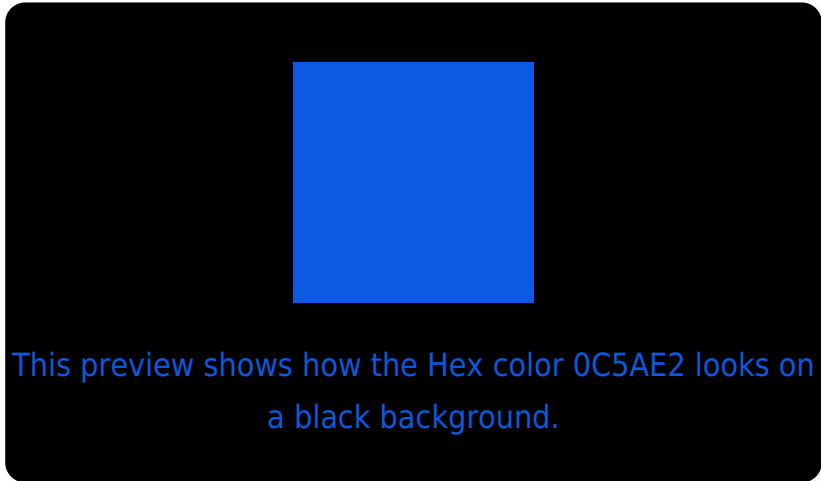
Large Text (above 18pt) WCAG AA ✓ Pass

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

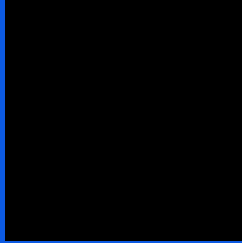
Any Text WCAG AA × Fail

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 0C5AE2 Background



This preview shows how black text looks on a background with the Hex color 0C5AE2.



This preview shows how white text looks on a background with the Hex color 0C5AE2.

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
0C5AE2

Protanopia
0060CC

Deuteranopia
0067AF



Tritanopia
006F76

Trichromacy



Original Color
0C5AE2

Protanomaly
045ED4

Deuteranomaly
0462C2

Tritanomaly
04679D

Monochromacy



Original Color
0C5AE2

Achromatopsia
525252

Achromatomaly
395586

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5AE2 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 #0C5AE2 looks like.

```
.text, #text, p{  
    color:#0C5AE2  
}
```

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 #0C5AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5AE2
}
```

Border

The CSS property to change the border of an element to Hex 0C5AE2 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
#0C5AE2 }
```

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

```
.border{ border-color:#0C5AE2 }
```

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

Here you see how a box with a 4 pixel #0C5AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5AE2; -webkit-box-shadow:4px 4px  
4px 4px #0C5AE2; box-shadow:4px 4px 4px  
4px #0C5AE2 }
```

Background

The CSS property to change the background color of an element to Hex 0C5AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5AE2 }
```

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

```
.background{ background-color:#0C5AE2 }
```

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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