

Converting Colors

Hex(0B5EB0)

Have a look what the booklet for
Hex(0B5EB0) contains.

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Color

Hex(0B5EB0)

Conversions

Conversions Part 1

Format	Color
Hex	0B5EB0
RGB	11, 94, 176
RGB Percent	4%, 37%, 69%
CMY	0.9569, 0.6314, 0.3098
CMYK	0.94, 0.47, 0.00, 0.31
HSL	210°, 88%, 37%
HSV	210°, 94%, 69%
XYZ	11.9772, 11.2111, 42.6070
YIQ	78.5310, -75.7900, 7.9060

Conversions

Conversions Part 2

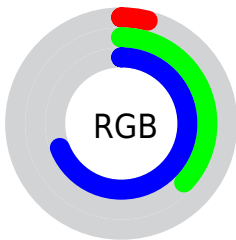
Format	Color
R_{YB}	11, 66, 176
Decimal	745136
CIE _{Lab}	39.93, 9.58, -49.85
CIE _{LCh}	40, 50.761, 280.878
Yxy	11.2111, 0.1820, 0.1704
Android (android.graphics.Color)	4278935216 (0xFF0B5EB0)
YUV	78.5310, 48.0522, -59.2247
Hunter-Lab	33.4830, 5.2557, -52.0081

Details

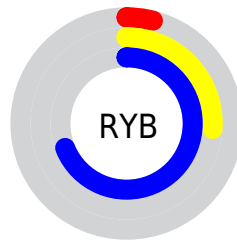
The Hex color **0B5EB0** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B05D0B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5D90E8**, and **00317B** is the 20% darker color. If you saturate the color by 10%, you get **0059B0**, and if you desaturate by 10%, it is **1D67B0**.

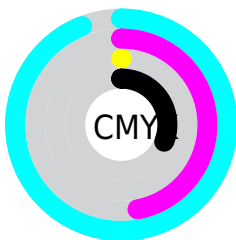
Distribution



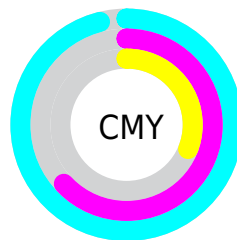
- Red (4%)
- Green (37%)
- Blue (69%)



- Red (4%)
- Yellow (26%)
- Blue (69%)



- Cyan (94%)
- Magenta (47%)
- Yellow (0%)
- Black (31%)



- Cyan (96%)
- Magenta (63%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B5EB0 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 0B5EB0 by changing the saturation by 10% instead.

0B5EB0

0B5EB0

FFFFFF

004795

5D90E8

00317B

7CAAFF

001D61

99C5FF

000149

B7E1FF

000431

D5FEFF

00011C

F3FFFF

000000

0B5EB0

0B5EB0

0059B0

1D67B0

■ 2E6FB0

■ 4078B0

■ 5181B0

■ 638AB0

■ 7592B0

■ 869BB0

■ 98A4B0

■ A9ADB0

Harmonies

Analogous

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



006AAC



0B5EB0



734C9D

Triad

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



0B5EB0



9F402A



006F41

Complementary

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



0B5EB0



B05D0B

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.



356A18



0B5EB0



875203

Square

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



0B5EB0



A83351



646100



00716D

Rectangle

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



0B5EB0



903F87



646100



006E33

Sweetspot

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



0B5EB0



A5C6E6



0BB05B



4C5F73



F2F2F2



737373

Same Dimension

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



0B5EB0



0073E6



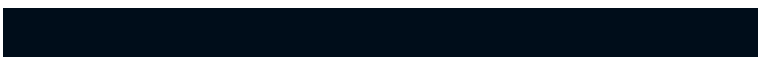
0B0EB0



505559



004D99



000D1A

Inverse Universe

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



B00B5E



E60073



B0AD0B



595055



99004D



1A000D

Previews

White Background



This preview shows how the Hex color 0B5EB0 looks on a white background.

Color Contrast Check

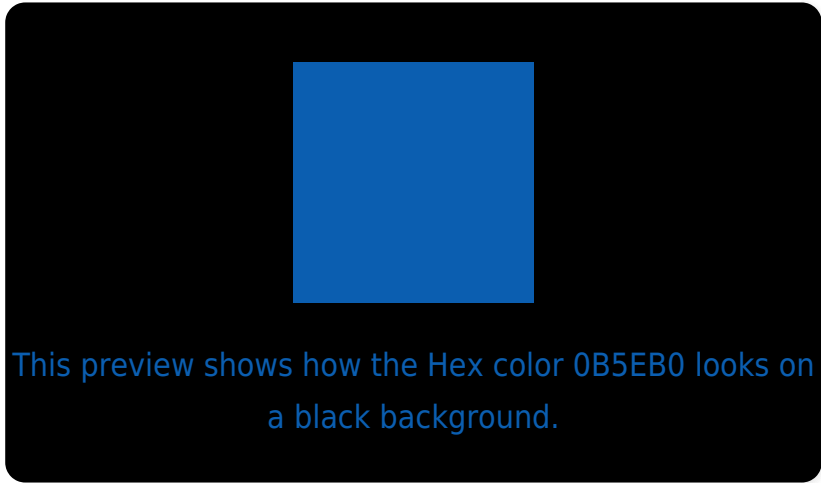
Large Text (above 18pt) WCAG AA ✓ Pass

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

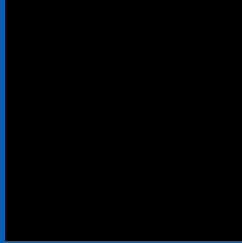
Any Text WCAG AA × Fail

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 0B5EB0 Background



This preview shows how black text looks on a background with the Hex color 0B5EB0.



This preview shows how white text looks on a background with the Hex color 0B5EB0.

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



Trichromacy



Original Color
0B5EB0

Protanomaly
255CAE

Deuteranomaly
045FAB

Monochromacy



Original Color
0B5EB0

Achromatopsia
4F4F4F

Achromatomaly
365472

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B5EB0 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 #0B5EB0 looks like.

```
.text, #text, p{  
    color:#0B5EB0  
}
```

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 #0B5EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5EB0
}
```

Border

The CSS property to change the border of an element to Hex 0B5EB0 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
#0B5EB0 }
```

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

```
.border{ border-color:#0B5EB0 }
```

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

Here you see how a box with a 4 pixel #0B5EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5EB0; -webkit-box-shadow:4px 4px  
4px 4px #0B5EB0; box-shadow:4px 4px 4px  
4px #0B5EB0 }
```

Background

The CSS property to change the background color of an element to Hex 0B5EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5EB0 }
```

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

```
.background{ background-color:#0B5EB0 }
```

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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