

Converting Colors

Hex(0C7EB4)

Have a look what the booklet for
Hex(0C7EB4) contains.

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Color

Hex(0C7EB4)

Conversions

Conversions Part 1

Format	Color
Hex	0C7EB4
RGB	12, 126, 180
RGB Percent	5%, 49%, 71%
CMY	0.9529, 0.5059, 0.2941
CMYK	0.93, 0.30, 0.00, 0.29
HSL	199°, 88%, 38%
HSV	199°, 93%, 71%
XYZ	15.8507, 18.2952, 45.8759
YIQ	98.0700, -85.2780, -7.3740

Conversions

Conversions Part 2

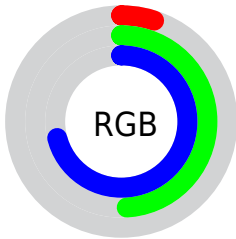
Format	Color
R_{YB}	12, 80, 180
Decimal	818868
CIE _{Lab}	49.85, -8.63, -36.40
CIE _{LCh}	50, 37.406, 256.662
Yxy	18.2952, 0.1981, 0.2286
Android (android.graphics.Color)	4279008948 (0xFF0C7EB4)
YUV	98.0700, 40.3915, -75.4834
Hunter-Lab	42.7728, -8.7042, -33.6504

Details

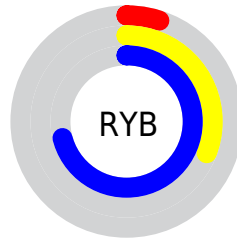
The Hex color **0C7EB4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B4420C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5FB3EC**, and **004D7F** is the 20% darker color. If you saturate the color by 10%, you get **007AB4**, and if you desaturate by 10%, it is **1E84B4**.

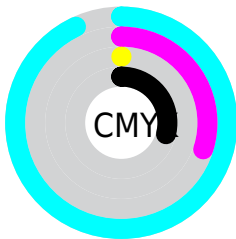
Distribution



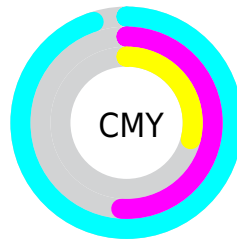
- Red (5%)
- Green (49%)
- Blue (71%)



- Red (5%)
- Yellow (31%)
- Blue (71%)



- Cyan (93%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (95%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7EB4 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 0C7EB4 by changing the saturation by 10% instead.

0C7EB4

0C7EB4

FFFFFF

006599

5FB3EC

004D7F

7ECEFF

003766

9CEAFF

00224D

B9FFFF

000536

D7FFFF

000220

F6FFFF

000004

000000

0C7EB4

0C7EB4

007AB4

1E84B4

308AB4

428FB4

5495B4

669BB4

78A1B4

8AA7B4

9CACB4

AEB2B4

Harmonies

Analogous

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



0084A4



0C7EB4



6274B3

Triad

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



0C7EB4



B35D66



548249

Complementary

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



0C7EB4



B4420C

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.



787A37



0C7EB4



AB644A

Square

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



0C7EB4



AA5E86



967038



1F8667

Rectangle

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



0C7EB4



836BAA



967038



618042

Sweetspot

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



0C7EB4



A9D5EB



0CB441



4D6875



F5F5F5



757575

Same Dimension

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



0C7EB4



009FEB



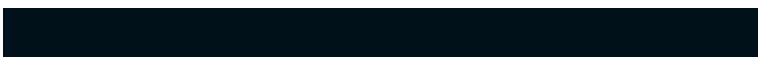
0C2BB4



505659



006899



00111A

Inverse Universe

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



B40C7E



EB009F



B4950C



595056



990068



1A0011

Previews

White Background



This preview shows how the Hex color 0C7EB4 looks on a white background.

Color Contrast Check

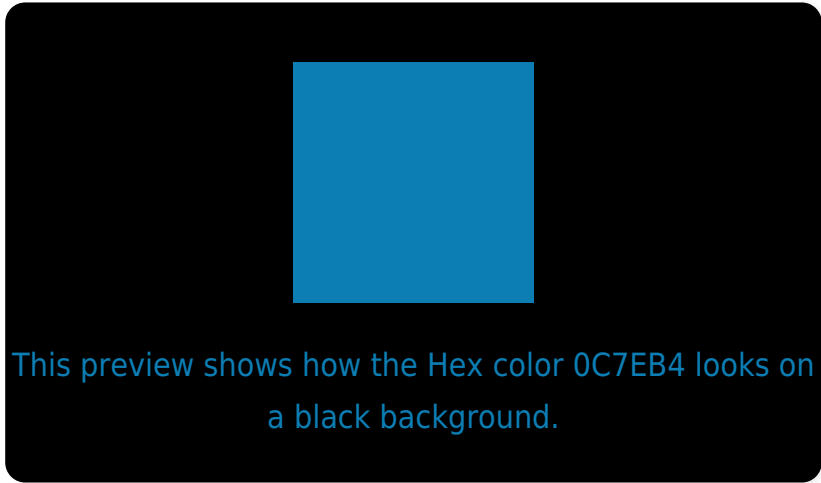
Large Text (above 18pt) WCAG AA ✓ Pass

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

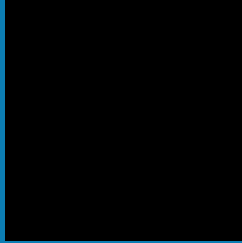
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0C7EB4 Background



This preview shows how black text looks on a background with the Hex color 0C7EB4.

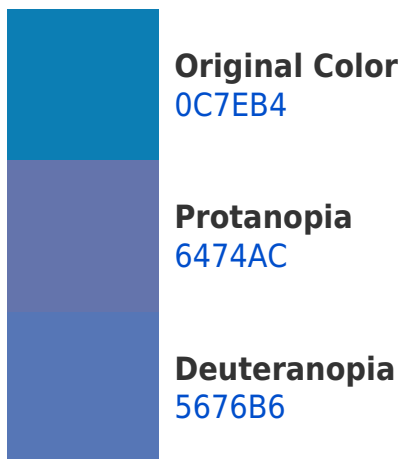


This preview shows how white text looks on a background with the Hex color 0C7EB4.

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
00838D

Trichromacy



Original Color
0C7EB4



Protanomaly
4478AF



Deuteranomaly
3B79B5



Tritanomaly
04819B

Monochromacy



Original Color
0C7EB4



Achromatopsia
626262



Achromatomaly
436C80

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7EB4 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 #0C7EB4 looks like.

```
.text, #text, p{  
    color:#0C7EB4  
}
```

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 #0C7EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7EB4
}
```

Border

The CSS property to change the border of an element to Hex 0C7EB4 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
#0C7EB4 }
```

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

```
.border{ border-color:#0C7EB4 }
```

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

Here you see how a box with a 4 pixel #0C7EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7EB4; -webkit-box-shadow:4px 4px  
4px 4px #0C7EB4; box-shadow:4px 4px 4px  
4px #0C7EB4 }
```

Background

The CSS property to change the background color of an element to Hex 0C7EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7EB4 }
```

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

```
.background{ background-color:#0C7EB4 }
```

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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