

Converting Colors

Hex(4CB0F2)

Have a look what the booklet for
Hex(4CB0F2) contains.

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Color

Hex(4CB0F2)

Conversions

Conversions Part 1

Format	Color
Hex	4CB0F2
RGB	76, 176, 242
RGB Percent	30%, 69%, 95%
CMY	0.7020, 0.3098, 0.0510
CMYK	0.69, 0.27, 0.00, 0.05
HSL	204°, 86%, 62%
HSV	204°, 69%, 95%
XYZ	34.5328, 38.9980, 89.7117
YIQ	153.6240, -80.7860, -0.6740

Conversions

Conversions Part 2

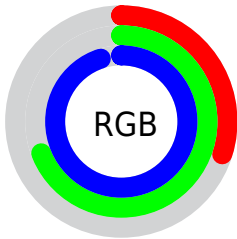
Format	Color
R _Y B	76, 138, 242
Decimal	5026034
CIE Lab	68.75, -8.52, -41.38
CIE LCh	69, 42.244, 258.364
Yxy	38.9980, 0.2115, 0.2389
Android (android.graphics.Color)	4283216114 (0xFF4CB0F2)
YUV	153.6240, 43.5694, -68.0762
Hunter-Lab	62.4484, -10.5773, -41.4606

Details

The Hex color **4CB0F2** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F28E4C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8DE7FF**, and **007CBA** is the 20% darker color. If you saturate the color by 10%, you get **34A6F2**, and if you desaturate by 10%, it is **64BAF2**.

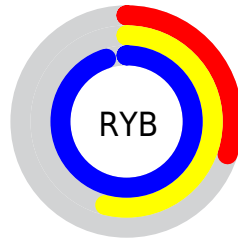
Distribution



Red (30%)

Green (69%)

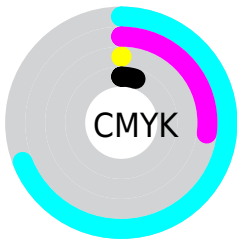
Blue (95%)



Red (30%)

Yellow (54%)

Blue (95%)

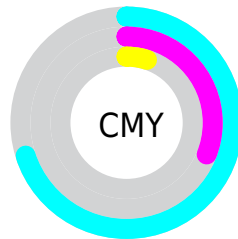


Cyan (69%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (70%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB0F2 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 4CB0F2 by changing the saturation by 10% instead.

 4CB0F2

 4CB0F2

FFFFFF

 2095D5

 8DE7FF

 007CBA

 ACFFFF

 00639E

 CBFFFF

 004B84

 E9FFFF

 00356A

 002052

 00063A

 000224

 00000B

■ 4CB0F2

■ 4CB0F2

■ 34A6F2

■ 64BAF2

■ 1C9DF2

■ 7CC3F2

■ 0393F2

■ 95CDF2

■ 0092F2

■ ADD6F2

■ C5E0F2

■ DDEAF2

■ F5F3F2

■ FFFDF2

■ FFFFF2

Harmonies

Analogous

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



00B8E0



4CB0F2



95A3F0

Triad

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



4CB0F2



F18A92



7DB673

Complementary

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



4CB0F2



F28E4C

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.



A9AD5D



4CB0F2



E79370

Square

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



4CB0F2



E88BB8



CDA05C



46BB97

Rectangle

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



4CB0F2



BA9AE4



CDA05C



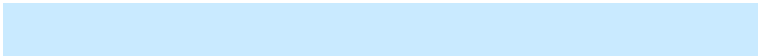
8CB36A

Sweetspot

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



4CB0F2



C9EAFF



4CF28C



607380



000000



808080

Same Dimension

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



4CB0F2



2EACFF



4C5FF2



6C7378



006FB8



002238

Inverse Universe

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



F24CB0



FF2EAC



F2DF4C



786C73



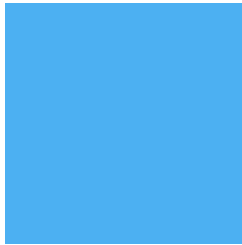
B8006F



380022

Previews

White Background



This preview shows how the Hex color 4CB0F2 looks on a white background.

Color Contrast Check

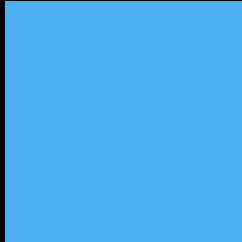
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4CB0F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

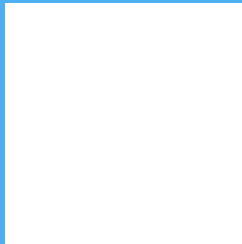
Any Text WCAG AAA ✓ Pass

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

Hex 4CB0F2 Background



This preview shows how black text looks on a background with the Hex color 4CB0F2.

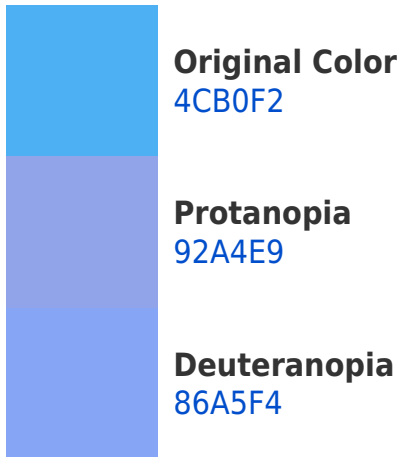


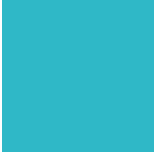
This preview shows how white text looks on a background with the Hex color 4CB0F2.

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](#).

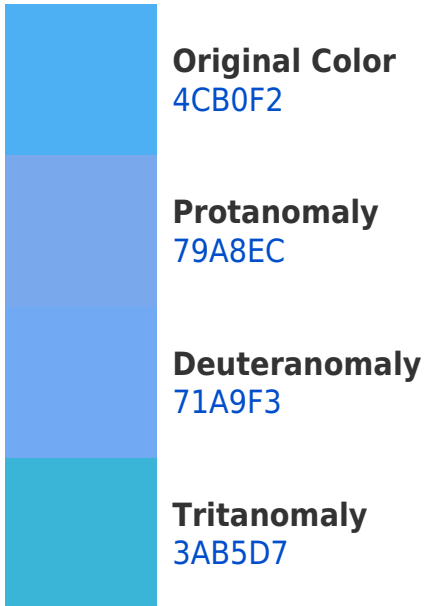
Dichromacy



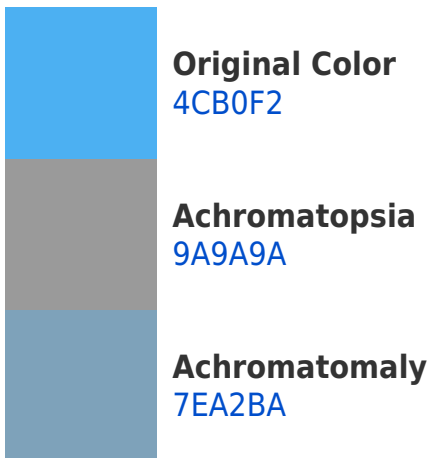


Tritanopia
2FB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB0F2 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 #4CB0F2 looks like.

```
.text, #text, p{  
    color:#4CB0F2  
}
```

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 #4CB0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB0F2
}
```

Border

The CSS property to change the border of an element to Hex 4CB0F2 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
#4CB0F2 }
```

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

```
.border{ border-color:#4CB0F2 }
```

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

Here you see how a box with a 4 pixel #4CB0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB0F2; -webkit-box-shadow:4px 4px  
4px 4px #4CB0F2; box-shadow:4px 4px 4px  
4px #4CB0F2 }
```

Background

The CSS property to change the background color of an element to Hex 4CB0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB0F2 }
```

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

```
.background{ background-color:#4CB0F2 }
```

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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