

Converting Colors

Hex(66BFC4)

Have a look what the booklet for
Hex(66BFC4) contains.

Hex(66BFC4)	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(66BFC4)

Conversions

Conversions Part 1

Format	Color
Hex	66BFC4
RGB	102, 191, 196
RGB Percent	40%, 75%, 77%
CMY	0.6000, 0.2510, 0.2314
CMYK	0.48, 0.03, 0.00, 0.23
HSL	183°, 44%, 58%
HSV	183°, 48%, 77%
XYZ	34.0741, 44.0719, 58.9354
YIQ	164.9590, -54.6490, -17.3130

Conversions

Conversions Part 2

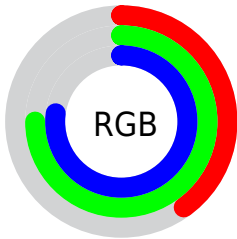
Format	Color
RYB	102, 148, 196
Decimal	6733764
CIELab	72.28, -25.31, -10.79
CIELCh	72, 27.513, 203.094
Yxy	44.0719, 0.2486, 0.3215
Android (android.graphics.Color)	4284923844 (0xFF66BFC4)
YUV	164.9590, 15.3032, -55.2150
Hunter-Lab	66.3867, -24.5585, -6.1646

Details

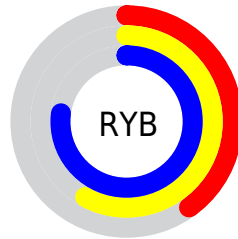
The Hex color **66BFC4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C46B66**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9FF8FD**, and **29898E** is the 20% darker color. If you saturate the color by 10%, you get **52BEC4**, and if you desaturate by 10%, it is **7AC0C4**.

Distribution



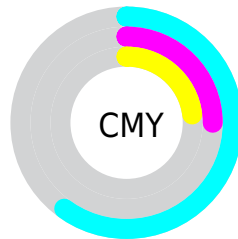
- Red (40%)
- Green (75%)
- Blue (77%)



- Red (40%)
- Yellow (58%)
- Blue (77%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BFC4 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 66BFC4 by changing the saturation by 10% instead.

66BFC4

66BFC4

FFFFFF

49A4A9

9FF8FD

29898E

BCFFFF

007075

D9FFFF

00575C

F7FFFF

003F45

00292E

00101A

000000

66BFC4

66BFC4

■ 52BEC4

■ 7AC0C4

■ 3FBDC4

■ 8DC1C4

■ 2BBCC4

■ A1C2C4

■ 18BBC4

■ B4C3C4

■ 04BAC4

■ C8C4C4

■ 00BAC4

■ DCC5C4

■ EFC6C4

■ FFC7C4

■ FFC8C4

Harmonies

Analogous

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



77BFAA



66BFC4



6DBCD9

Triad

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



66BFC4



CCA4D0



C9AE80

Complementary

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



66BFC4



C46B66

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.



DCA58A



66BFC4



DF9FB8

Square

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



66BFC4



ADADDf



E4A09F



AFB683

Rectangle

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



66BFC4



7EB8E1



E4A09F



D0AB82

Sweetspot

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



66BFC4



DBFDFE



66C46B



6A7E80



000000



808080

Same Dimension

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



66BFC4



6BF7FF



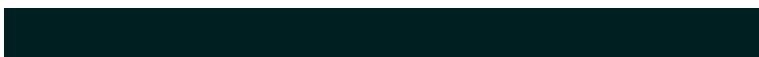
6690C4



576061



0098A1



001F21

Inverse Universe

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



C466BF



FF6BF7



C49A66



615760



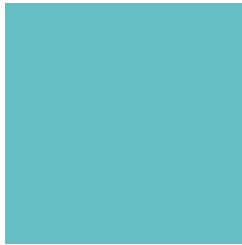
A10098



21001F

Previews

White Background



This preview shows how the Hex color 66BFC4 looks on a white background.

Color Contrast Check

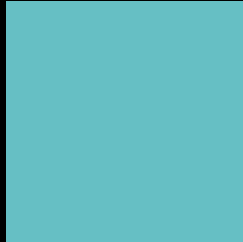
Large Text (above 18pt) WCAG AA × Fail

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 66BFC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

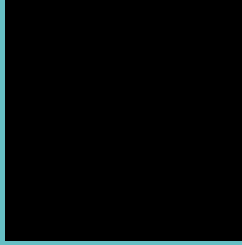
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

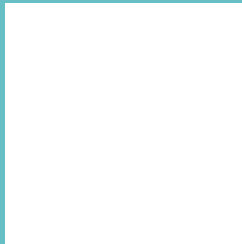
Any Text WCAG AAA ✓ Pass

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

Hex 66BFC4 Background



This preview shows how black text looks on a background with the Hex color 66BFC4.



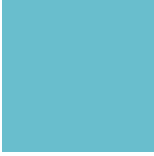
This preview shows how white text looks on a background with the Hex color 66BFC4.

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
69BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66BFC4 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 #66BFC4 looks like.

```
.text, #text, p{  
    color:#66BFC4  
}
```

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 #66BFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BFC4
}
```

Border

The CSS property to change the border of an element to Hex 66BFC4 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
#66BFC4 }
```

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

```
.border{ border-color:#66BFC4 }
```

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

Here you see how a box with a 4 pixel #66BFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BFC4; -webkit-box-shadow:4px 4px  
4px 4px #66BFC4; box-shadow:4px 4px 4px  
4px #66BFC4 }
```

Background

The CSS property to change the background color of an element to Hex 66BFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BFC4 }
```

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

```
.background{ background-color:#66BFC4 }
```

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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