

Converting Colors

Hex(6BBDF7)

Have a look what the booklet for
Hex(6BBDF7) contains.

Hex(6BBDF7)	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(6BBD7)

Conversions

Conversions Part 1

Format	Color
Hex	6BBDF7
RGB	107, 189, 247
RGB Percent	42%, 74%, 97%
CMY	0.5804, 0.2588, 0.0314
CMYK	0.57, 0.23, 0.00, 0.03
HSL	205°, 90%, 69%
HSV	205°, 57%, 97%
XYZ	41.0495, 46.2364, 94.7567
YIQ	171.0940, -67.4900, 0.6540

Conversions

Conversions Part 2

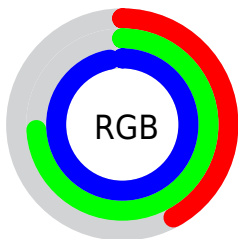
Format	Color
RYB	107, 159, 247
Decimal	7060983
CIELab	73.70, -8.69, -36.29
CIELCh	74, 37.320, 256.537
Yxy	46.2364, 0.2255, 0.2540
Android (android.graphics.Color)	4285251063 (0xFF6BBDF7)
YUV	171.0940, 37.4217, -56.2104
Hunter-Lab	67.9973, -11.2362, -35.0245

Details

The Hex color **6BBDF7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F7A56B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A7F5FF**, and **2588BE** is the 20% darker color. If you saturate the color by 10%, you get **52B3F7**, and if you desaturate by 10%, it is **84C7F7**.

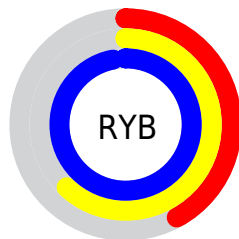
Distribution



Red (42%)

Green (74%)

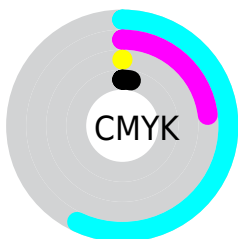
Blue (97%)



Red (42%)

Yellow (62%)

Blue (97%)

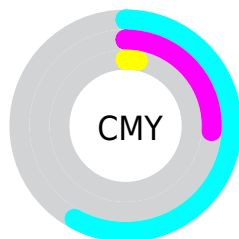


Cyan (57%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (58%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BBDF7 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 6BBDF7 by changing the saturation by 10% instead.

6BBDF7

6BBDF7

FFFFFF

4BA2DA

A7F5FF

2588BE

C5FFFF

006FA3

E3FFFF

005689

003F6F

002A56

00163F

000328

000112

■ 6BBDF7

■ 6BBDF7

■ 52B3F7

■ 84C7F7

■ 3AA9F7

■ 9CD1F7

■ 219EF7

■ B5DCF7

■ 0894F7

■ CEE6F7

■ 0091F7

■ E7F0F7

■ FFFAF7

■ FFFFF7

Harmonies

Analogous

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



39C4E6



6BBDF7



A3B2F6

Triad

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



6BBDF7



F99BA3



92C285

Complementary

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



6BBDF7



F7A56B

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.



B9B973



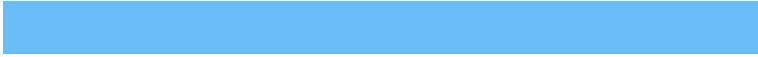
6BBDF7



F0A285

Square

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



6BBDF7



EE9CC6



DAAE73



68C7A4

Rectangle

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



6BBDF7



C3A9EC



DAAE73



A0BF7D

Sweetspot

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



6BBDF7



D4EDFF



6BF7A3



667580



000000



808080

Same Dimension

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



6BBDF7



52B7FF



6B79F7



6E757A



006DBA



00223B

Inverse Universe

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



F76BBD



FF52B7



F7E96B



7A6E75



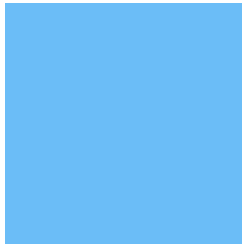
BA006D



3B0022

Previews

White Background



This preview shows how the Hex color 6BBDF7 looks on a white background.

Color Contrast Check

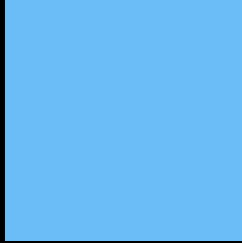
Large Text (above 18pt) WCAG AA × Fail

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 6BBDF7 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 6BBD7F Background



This preview shows how black text looks on a background with the Hex color 6BBD7F.

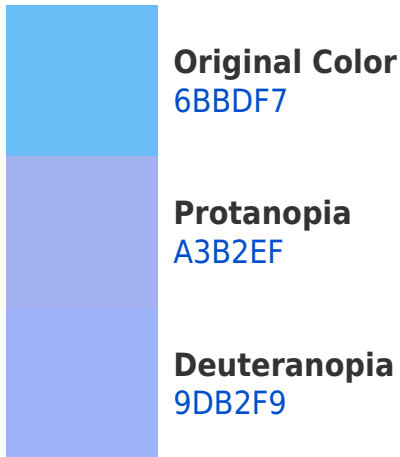


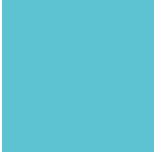
This preview shows how white text looks on a background with the Hex color 6BBD7F.

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



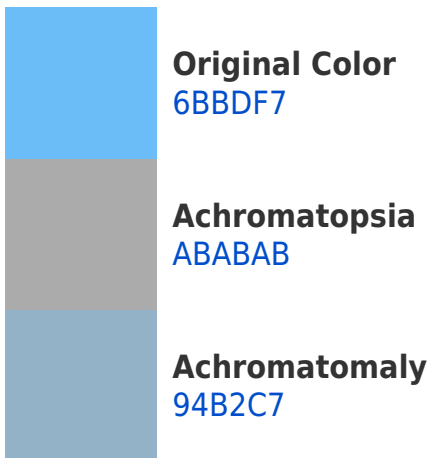


Tritanopia
5DC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BBDF7 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 #6BBDF7 looks like.

```
.text, #text, p{  
    color:#6BBDF7  
}
```

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 #6BBDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBDF7  
}
```

Border

The CSS property to change the border of an element to Hex 6BBDF7 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  
#6BBDF7 }
```

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

```
.border{ border-color:#6BBD7F }
```

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

Here you see how a box with a 4 pixel #6BBD7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBD7F; -webkit-box-shadow:4px 4px  
4px 4px #6BBD7F; box-shadow:4px 4px 4px  
4px #6BBD7F }
```

Background

The CSS property to change the background color of an element to Hex 6BBDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBDF7 }
```

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

```
.background{ background-color:#6BBDF7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor