

# Converting Colors

Hex(6BE5F5)

Have a look what the booklet for  
Hex(6BE5F5) contains.

<b>Hex(6BE5F5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6BE5F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BE5F5
RGB	107, 229, 245
RGB Percent	42%, 90%, 96%
CMY	0.5804, 0.1020, 0.0392
CMYK	0.56, 0.07, 0.00, 0.04
HSL	187°, 87%, 69%
HSV	187°, 56%, 96%
XYZ	50.5641, 65.7570, 96.4136
YIQ	194.3460, -77.8480, -20.8880

# Conversions

## Conversions Part 2

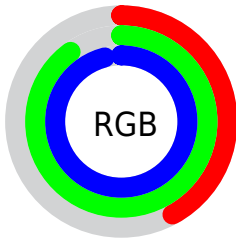
Format	Color
<a href="#">RYB</a>	<a href="#">107, 172, 245</a>
Decimal	<a href="#">7071221</a>
CIELab	<a href="#">84.87, -29.65, -18.14</a>
CIELCh	<a href="#">85, 34.761, 211.449</a>
Yxy	<a href="#">65.7570, 0.2377, 0.3091</a>
Android (android.graphics.Color)	<a href="#">4285261301 (0xFF6BE5F5)</a>
YUV	<a href="#">194.3460, 24.9724, -76.6024</a>
Hunter-Lab	<a href="#">81.0907, -30.6049, -13.7299</a>

# Details

The Hex color **6BE5F5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F57B6B**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A9FFFF**, and **1EADB0** is the 20% darker color. If you saturate the color by 10%, you get **52E2F5**, and if you desaturate by 10%, it is **84E8F5**.

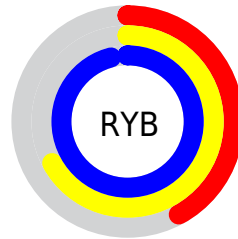
# Distribution



Red (42%)

Green (90%)

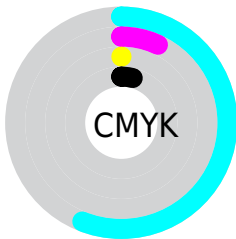
Blue (96%)



Red (42%)

Yellow (67%)

Blue (96%)

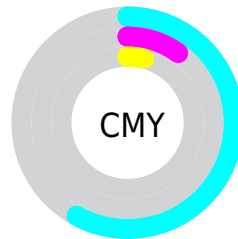


Cyan (56%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (58%)

Magenta (10%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BE5F5 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 6BE5F5 by changing the saturation by 10% instead.



 6BE5F5

 6BE5F5

FFFFFF

 4AC9D9

 A9FFFF

 1EADBD

 C7FFFF

 0092A2

 E5FFFF

 007887

 005F6E

 004756

 00303E

 001B29

 000114

6BE5F5

6BE5F5

52E2F5

84E8F5

3ADFF5

9CEBF5

21DCF5

B4EEF5

09DAF5

CDF0F5

00D9F5

E5F3F5

FEF6F5

FFF9F5

FFFCF5

FFFFF5

# Harmonies

## Analogous

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



7DE6D4



6BE5F5



7FE0FF

# Triad

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



6BE5F5



FFC1F4



EAD292

# Complementary

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



6BE5F5



F57B6B

# 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.



FFC79B



6BE5F5



FFBCD4

# Square

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



6BE5F5



DBC8FF



FFBEB3



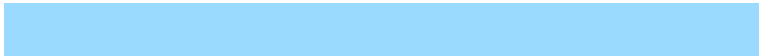
C6DC9B

# Rectangle

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



6BE5F5



9BDAFF



FFBEB3



F4CF93

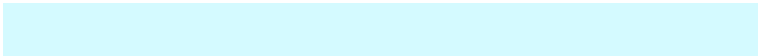


# Sweetspot

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



6BE5F5



D4FAFF



6BF579



667D80



000000



808080

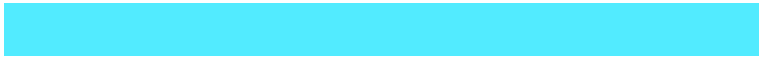


# Same Dimension

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



6BE5F5



52EBFF



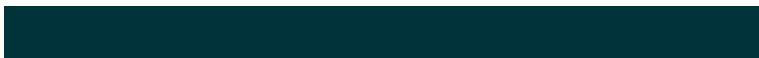
6BA2F5



6E797A



00A5BA



00343B



# Inverse Universe

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



F56BE5



FF52EB



F5BE6B



7A6E79



BA00A5

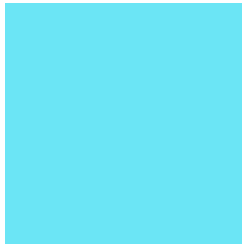


3B0034



# Previews

## White Background



This preview shows how the Hex color 6BE5F5 looks on a white background.

## Color Contrast Check

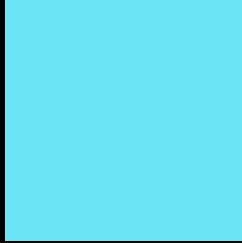
Large Text (above 18pt) WCAG AA × Fail

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 6BE5F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

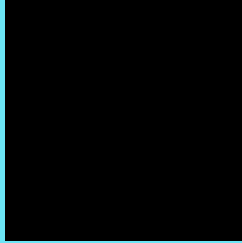
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BE5F5 Background



This preview shows how black text looks on a background with the Hex color 6BE5F5.

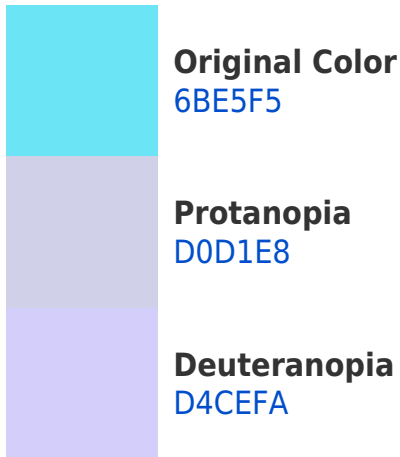


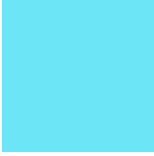
This preview shows how white text looks on a background with the Hex color 6BE5F5.

# 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



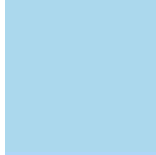


**Tritanopia**  
6CE5F7

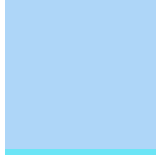
# Trichromacy



**Original Color**  
6BE5F5



**Protanomaly**  
ABD8ED



**Deuteranomaly**  
AED6F8

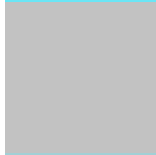


**Tritanomaly**  
6CE5F6

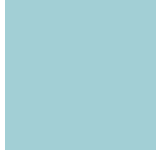
# Monochromacy



**Original Color**  
6BE5F5



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
A2CFD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BE5F5 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 #6BE5F5 looks like.

```
.text, #text, p{  
    color:#6BE5F5  
}
```

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 #6BE5F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE5F5  
}
```

## Border

The CSS property to change the border of an element to Hex 6BE5F5 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  
#6BE5F5 }
```

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

```
.border{ border-color:#6BE5F5 }
```

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

Here you see how a box with a 4 pixel #6BE5F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE5F5; -webkit-box-shadow:4px 4px  
4px 4px #6BE5F5; box-shadow:4px 4px 4px  
4px #6BE5F5 }
```

# Background

The CSS property to change the background color of an element to Hex 6BE5F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE5F5 }
```

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

```
.background{ background-color:#6BE5F5 }
```

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