

Converting Colors

Hex(65BFFE)

Have a look what the booklet for
Hex(65BFFE) contains.

Hex(65BFFE)	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(65BFFE)

Conversions

Conversions Part 1

Format	Color
Hex	65BFFE
RGB	101, 191, 254
RGB Percent	40%, 75%, 100%
CMY	0.6039, 0.2510, 0.0039
CMYK	0.60, 0.25, 0.00, 0.00
HSL	205°, 99%, 70%
HSV	205°, 60%, 100%
XYZ	41.8870, 47.1841, 100.6657
YIQ	171.2720, -73.8630, 0.5130

Conversions

Conversions Part 2

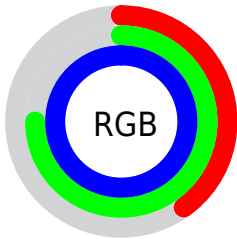
Format	Color
RYB	101, 158, 254
Decimal	6668286
CIELab	74.31, -8.76, -39.13
CIELCh	74, 40.103, 257.383
Yxy	47.1841, 0.2208, 0.2487
Android (android.graphics.Color)	4284858366 (0xFF65BFFE)
YUV	171.2720, 40.7849, -61.6285
Hunter-Lab	68.6907, -11.3607, -38.8056

Details

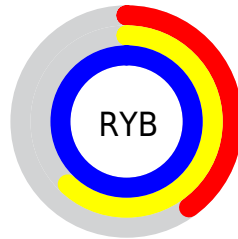
The Hex color **65BFFE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FEA465**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A3F7FF**, and **128AC5** is the 20% darker color. If you saturate the color by 10%, you get **4CB5FE**, and if you desaturate by 10%, it is **7EC9FE**.

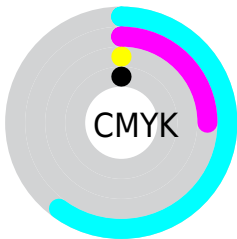
Distribution



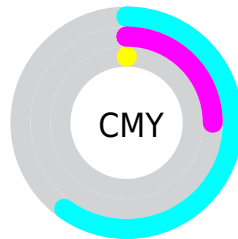
- Red (40%)
- Green (75%)
- Blue (100%)



- Red (40%)
- Yellow (62%)
- Blue (100%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65BFFE 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 65BFFE by changing the saturation by 10% instead.

 65BFFE

 65BFFE

FFFFFF

 43A4E1

 A3F7FF

 128AC5

 C1FFFF

 0070AA

 DFFFFF

 00588F

FEFFFF

 004175

 002B5C

 001844

 00032D

 000118

■ 65BFFE

■ 65BFFE

■ 4CB5FE

■ 7EC9FE

■ 32AAFE

■ 98D4FE

■ 19A0FE

■ B1DEFE

■ 0095FE

■ CBE9FE

■ E4F3FE

■ FDFEFE

■ FFFFE

Harmonies

Analogous

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



1FC7EC



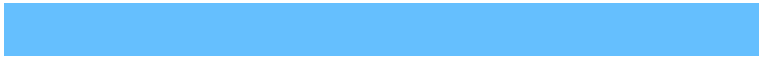
65BFFE



A4B3FD

Triad

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



65BFFE



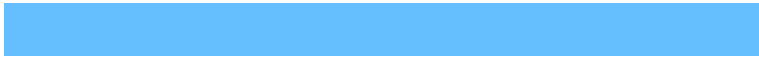
FF9BA3



90C484

Complementary

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



65BFFE



FEA465

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.



B9BB6F



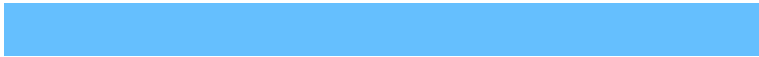
65BFFE



F6A382

Square

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



65BFFE



F59CC8



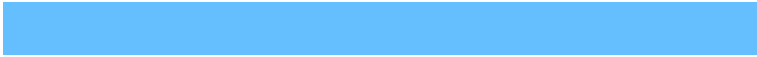
DDAF6F



60C9A5

Rectangle

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



65BFFE



C7AAF1



DDAF6F



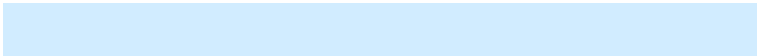
9EC27B

Sweetspot

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



65BFFE



D1ECFF



65FEA2



637480



000000



808080

Same Dimension

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



65BFFE



47B3FF



6574FE



737A80



0071BF



002640

Inverse Universe

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



FE65BF



FF47B3



FEEF65



80737A



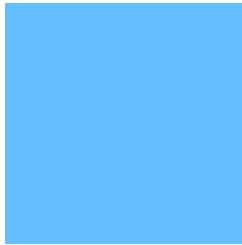
BF0070



400025

Previews

White Background



This preview shows how the Hex color 65BFFE looks on a white background.

Color Contrast Check

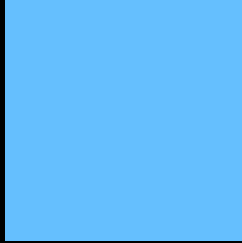
Large Text (above 18pt) WCAG AA × Fail

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 65BFFE 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

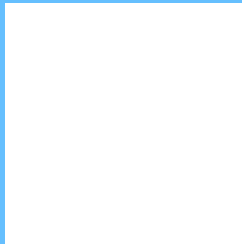
Any Text WCAG AAA ✓ Pass

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

Hex 65BFFE Background



This preview shows how black text looks on a background with the Hex color 65BFFE.

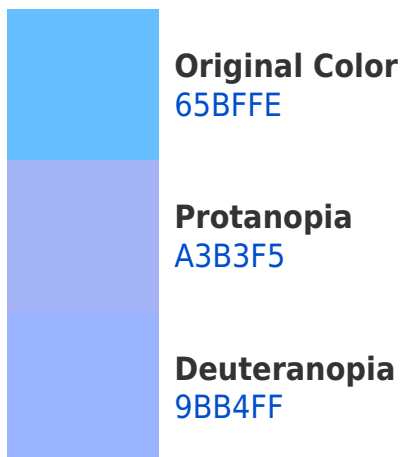


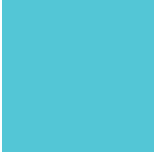
This preview shows how white text looks on a background with the Hex color 65BFFE.

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](#).

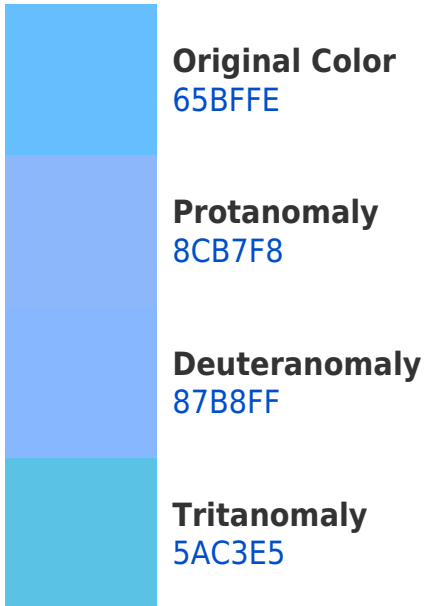
Dichromacy



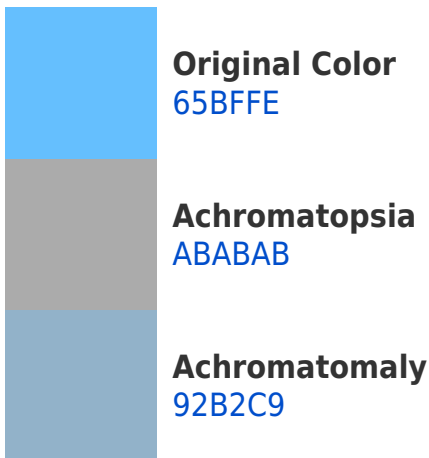


Tritanopia
53C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65BFFE 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 #65BFFE looks like.

```
.text, #text, p{  
    color:#65BFFE  
}
```

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 #65BFFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BFFE
}
```

Border

The CSS property to change the border of an element to Hex 65BFFE 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
#65BFFE }
```

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

```
.border{ border-color:#65BFFE }
```

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

Here you see how a box with a 4 pixel #65BFFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BFFE; -webkit-box-shadow:4px 4px  
4px 4px #65BFFE; box-shadow:4px 4px 4px  
4px #65BFFE }
```

Background

The CSS property to change the background color of an element to Hex 65BFFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BFFE }
```

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

```
.background{ background-color:#65BFFE }
```

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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