

# Converting Colors

Hex(65FEFE)

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

<b>Hex(65FEFE)</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(65FEFE)**

# Conversions

Conversions Part 1	
Format	Color
Hex	65FEFE
RGB	101, 254, 254
RGB Percent	40%, 100%, 100%
CMY	0.6039, 0.0039, 0.0039
CMYK	0.60, 0.00, 0.00, 0.00
HSL	180°, 99%, 70%
HSV	180°, 60%, 100%
XYZ	58.6980, 80.8061, 106.2694
YIQ	208.2530, -91.1880, -32.4360

# Conversions

## Conversions Part 2

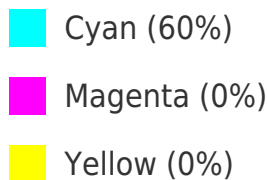
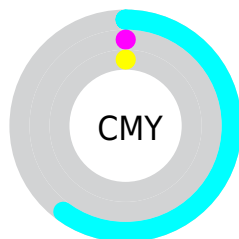
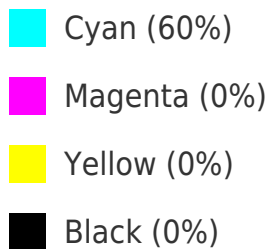
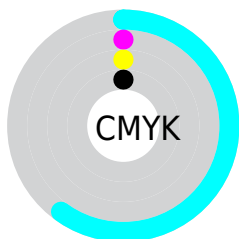
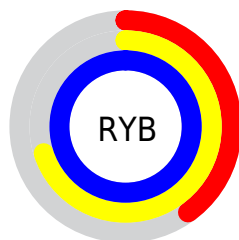
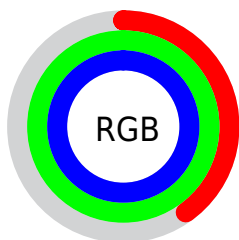
Format	Color
<a href="#">RYB</a>	<a href="#">101, 178, 254</a>
Decimal	<a href="#">6684414</a>
CIELab	<a href="#">92.05, -39.92, -12.10</a>
CIELCh	<a href="#">92, 41.714, 196.865</a>
Yxy	<a href="#">80.8061, 0.2388, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4284874494</a> (0xFF65FEFE)
YUV	<a href="#">208.2530, 22.5533, -94.0609</a>
Hunter-Lab	<a href="#">89.8922, -40.7540, -7.1673</a>

# Details

The Hex color **65FEFE** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FE6565**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **A6FFFF**, and **00C5C5** is the 20% darker color. If you saturate the color by 10%, you get **4CFEFE**, and if you desaturate by 10%, it is **7EFEFE**.

# Distribution



# Brightness & Saturation Gradients

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



 65FEFE

FFFFFF

 A6FFFF

 C6FFFF

 E5FFFF

 65FEFE

 3FE1E1

 00C5C5

 00A9AA

 008E90

 007476

 005B5D

 004246

 002C30

 000F1B

 65FEFE

 65FEFE

 4CFEFE

 7EF EFE

 32FEFE

 98FEFE

 19FEFE

 B1FEFE

 00FEFE

 CBF EFE

 E4FEFE

 FDF EFE

 FFF EFE

# Harmonies

## Analogous

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



8FFDD5



65FEFE



64FAFF

# Triad

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



65FEFE



FFD6FF



FFE09A

# Complementary

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



65FEFE



FE6565

# 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.



FFD2AF



65FEFE



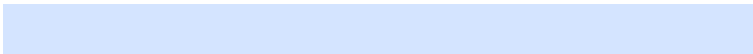
FFCCFC

# Square

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



65FEFE



D4E4FF



FFCAD3



EDED9B

# Rectangle

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



65FEFE



82F5FF



FFCAD3



FFDB9F

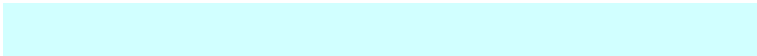


# Sweetspot

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



65FEFE



D1FFFF



65FE65



638080



000000



808080



# Same Dimension

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



65FEFE



47FFFF



65B2FE



738080



00BFBF



004040



# Inverse Universe

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



FE65FE



FF47FF



FEB265



807380



BF00BF

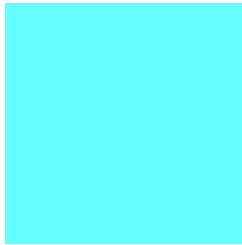


400040



# Previews

## White Background



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

## Color Contrast Check

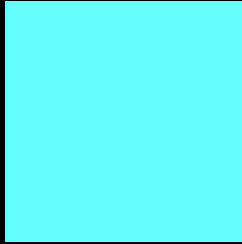
Large Text (above 18pt) WCAG AA × Fail

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 65FEFE 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 65FEFE Background



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

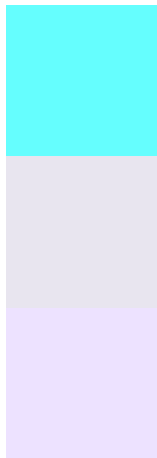


This preview shows how white text looks on a background with the Hex color 65FEFE.

# 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



**Original Color**  
65FEFE

**Protanopia**  
E8E5EF

**Deuteranopia**  
EDE2FF



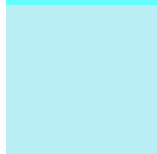
**Tritanopia**  
AEF3FF

# Trichromacy



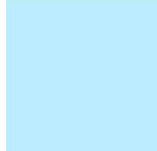
**Original Color**

65FEFE



**Protanomaly**

B8EEF4



**Deuteranomaly**

BCECFE



**Tritanomaly**

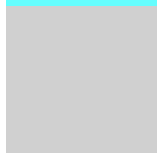
93F7FF

# Monochromacy



**Original Color**

65FEFE



**Achromatopsia**

D0D0D0



**Achromatomaly**

A9E1E1

# CSS Examples

## Text

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

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

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 #65FEFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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