

Converting Colors

Hex(64FBF7)

Have a look what the booklet for
Hex(64FBF7) contains.

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Color

Hex(64FBF7)

Conversions

Conversions Part 1

Format	Color
Hex	64FBF7
RGB	100, 251, 247
RGB Percent	39%, 98%, 97%
CMY	0.6078, 0.0157, 0.0314
CMYK	0.60, 0.00, 0.02, 0.02
HSL	178°, 95%, 69%
HSV	178°, 60%, 98%
XYZ	56.5412, 78.4191, 100.1521
YIQ	205.3950, -88.7120, -33.2560

Conversions

Conversions Part 2

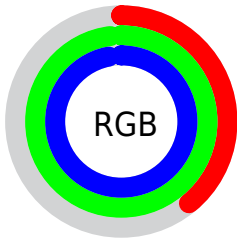
Format	Color
RYB	100, 177, 251
Decimal	6618103
CIELab	90.97, -40.57, -10.07
CIELCh	91, 41.800, 193.943
Yxy	78.4191, 0.2405, 0.3335
Android (android.graphics.Color)	4284808183 (0xFF64FBF7)
YUV	205.3950, 20.5113, -92.4314
Hunter-Lab	88.5546, -41.0000, -5.0667

Details

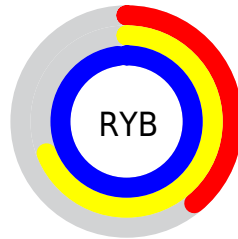
The Hex color **64FBF7** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FB6468**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **A5FFFF**, and **00C2BF** is the 20% darker color. If you saturate the color by 10%, you get **4BFBF6**, and if you desaturate by 10%, it is **7DFBF8**.

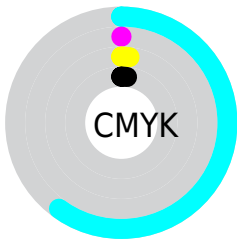
Distribution



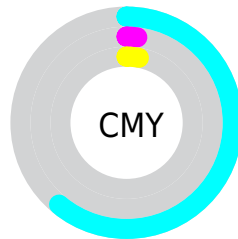
- Red (39%)
- Green (98%)
- Blue (97%)



- Red (39%)
- Yellow (69%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (61%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64FBF7 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 64FBF7 by changing the saturation by 10% instead.

 64FBF7

FFFFFF

 A5FFFF

 C4FFFF

 E3FFFF

 64FBF7

 3EDED8

 00C2BF

 00A6A4

 008B89

 007170

 005858

 004040

 002A2A

 000817

 64FBF7

 64FBF7

 4BFBF6

 7DFBF8

 32FBF6

 96FBF8

 19FBF5

 AFFBF9

 00FBF4

 C8FBFA

 E2FBFA

 FBFBFB

 FFFBFC

 FFFBFD

Harmonies

Analogous

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



91F9CE



64FBF7



5CF8FF

Triad

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



64FBF7



FFD4FF



FFDB99

Complementary

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



64FBF7



FB6468

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.



FFCEAF



64FBF7



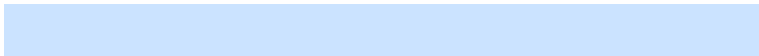
FFC9FC

Square

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



64FBF7



CBE3FF



FFC7D4



EEE997

Rectangle

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



64FBF7



79F3FF



FFC7D4



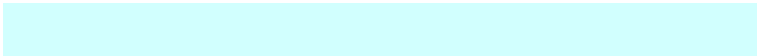
FFD79E

Sweetspot

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



64FBF7



D1FFFE



69FB64



63807F



000000



808080

Same Dimension

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



64FBF7



47FFFA



64B5FB



707D7D



00BDB8



003D3C

Inverse Universe

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



FB6468



FF474C



FBAA64



7D7071



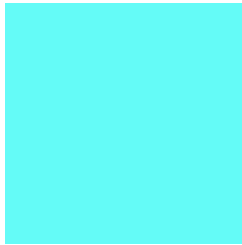
BD0005



3D0002

Previews

White Background



This preview shows how the Hex color 64FBF7 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



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 64FBF7 Background



This preview shows how black text looks on a background with the Hex color 64FBF7.

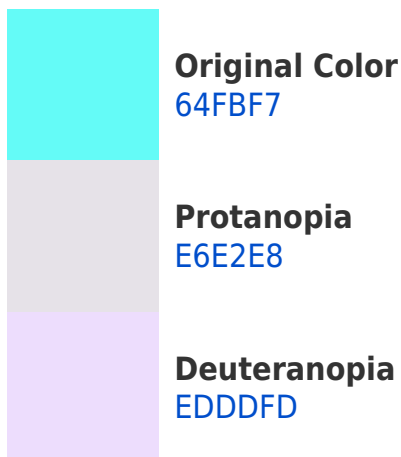


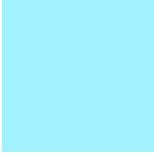
This preview shows how white text looks on a background with the Hex color 64FBF7.

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
A1F1FF

Trichromacy



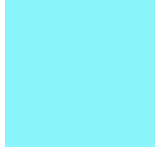
Original Color
64FBF7



Protanomaly
B7EBED



Deuteranomaly
BBE8FB

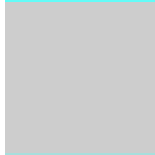


Tritanomaly
8BF5FC

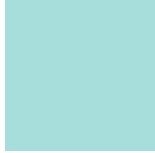
Monochromacy



Original Color
64FBF7



Achromatopsia
CDCDCD



Achromatomaly
A7DEDC

CSS Examples

Text

The CSS property to change the color of the text to Hex 64FBF7 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 #64FBF7 looks like.

```
.text, #text, p{  
    color:#64FBF7  
}
```

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 #64FBF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64FBF7
}
```

Border

The CSS property to change the border of an element to Hex 64FBF7 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
#64FBF7 }
```

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

```
.border{ border-color:#64FBF7 }
```

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

Here you see how a box with a 4 pixel #64FBF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64FBF7; -webkit-box-shadow:4px 4px  
4px 4px #64FBF7; box-shadow:4px 4px 4px  
4px #64FBF7 }
```

Background

The CSS property to change the background color of an element to Hex 64FBF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64FBF7 }
```

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

```
.background{ background-color:#64FBF7 }
```

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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