

Converting Colors

Hex(64CFEC)

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

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Color

Hex(64CFEC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 64CFEC |
| RGB | 100, 207, 236 |
| RGB Percent | 39%, 81%, 93% |
| CMY | 0.6078, 0.1882, 0.0745 |
| CMYK | 0.58, 0.12, 0.00, 0.07 |
| HSL | 193°, 78%, 66% |
| HSV | 193°, 58%, 93% |
| XYZ | 42.7087, 53.3911, 87.4114 |
| YIQ | 178.3130, -73.0810, -13.6650 |

Conversions

Conversions Part 2

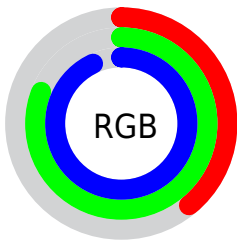
| Format | Color |
|--|---|
| RYB | 100, 160, 236 |
| Decimal | 6606828 |
| CIELab | 78.11, -22.66, -23.63 |
| CIELCh | 78, 32.738, 226.202 |
| Yxy | 53.3911, 0.2327, 0.2909 |
| Android (android.graphics.Color) | 4284796908 (0xFF64CFEC) |
| YUV | 178.3130, 28.4397, -68.6805 |
| Hunter-Lab | 73.0692, -23.5386, -19.7791 |

Details

The Hex color **64CFEC** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **EC8164**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A1FFFF**, and **1598B4** is the 20% darker color. If you saturate the color by 10%, you get **4CCAEC**, and if you desaturate by 10%, it is **7CD4EC**.

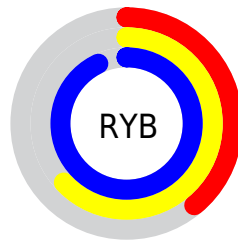
Distribution



Red (39%)

Green (81%)

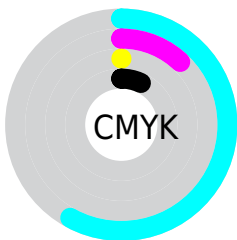
Blue (93%)



Red (39%)

Yellow (63%)

Blue (93%)

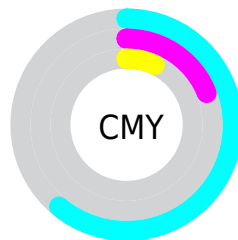


Cyan (58%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (61%)

Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients

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

 64CFEC

 64CFEC

FFFFFF

 43B3D0


 A1FFFF

 1598B4

 BFFFFFF

 007E99

 DDFFFF


 00657F

 FBFFFF

 004D66

 00364E

 002137

 000222

 000008

■ 64CFEC

■ 64CFEC

■ 4CCAEC

■ 7CD4EC

■ 35C5EC

■ 93D9EC

■ 1DC0EC

■ ABDEEC

■ 06BBEC

■ C2E3EC

■ 00BAEC

■ DAE8EC

■ F2EDEC

■ FFF2EC

■ FFF7EC

■ FFFCEC

Harmonies

Analogous

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



64D2D1



64CFEC



85C8FB

Triad

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



64CFEC



F4ACD0



C6C486

Complementary

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



64CFEC



EC8164

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.



E3BA87



64CFEC



FEABB2

Square

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



64CFEC



DAB4EB



F7B197



A3CC96

Rectangle

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



64CFEC



A3C2FD



F7B197



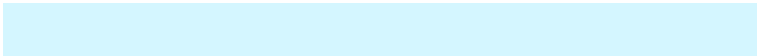
D0C184

Sweetspot

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



64CFEC



D4F6FF



64EC7F



667A80



000000



808080

Same Dimension

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



64CFEC



4FD9FF



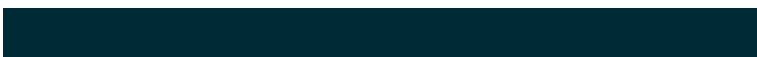
648DEC



6A7375



008EB5



002A36

Inverse Universe

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



EC64CF



FF4FD9



ECC364



756A73



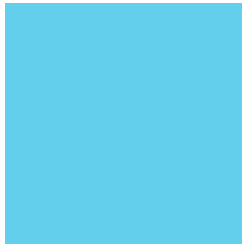
B5008E



36002A

Previews

White Background



This preview shows how the Hex color 64CFEC looks on a white background.

Color Contrast Check

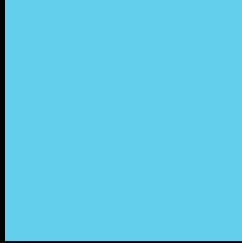
Large Text (above 18pt) WCAG AA × Fail

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 64CFEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

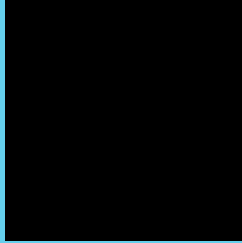
Any Text WCAG AA ✓ Pass

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 64CFEC Background



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



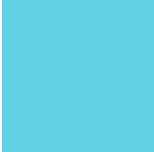
This preview shows how white text looks on a background with the Hex color 64CFEC.

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](#).

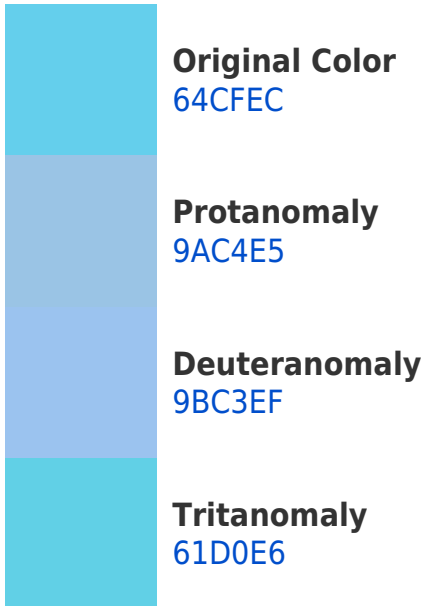
Dichromacy



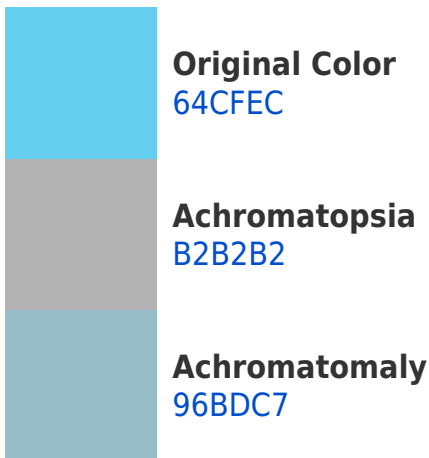


Tritanopia
60D1E2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #64CFEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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