

# Converting Colors

Hex(62CFEF)

Have a look what the booklet for  
Hex(62CFEF) contains.

<b>Hex(62CFEF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(62CFEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62CFEF
RGB	98, 207, 239
RGB Percent	38%, 81%, 94%
CMY	0.6157, 0.1882, 0.0627
CMYK	0.59, 0.13, 0.00, 0.06
HSL	194°, 82%, 66%
HSV	194°, 59%, 94%
XYZ	42.9298, 53.4543, 89.7164
YIQ	178.0570, -75.2360, -13.1560

# Conversions

## Conversions Part 2

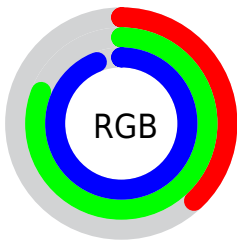
Format	Color
R <sub>Y</sub> B	98, 159, 239
Decimal	6475759
CIE Lab	78.14, -22.16, -25.19
CIE LCh	78, 33.545, 228.658
Yxy	53.4543, 0.2307, 0.2872
Android (android.graphics.Color)	4284665839 (0xFF62CFEF)
YUV	178.0570, 30.0449, -70.2100
Hunter-Lab	73.1125, -23.1360, -21.5761

# Details

The Hex color **62CFEF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **EF8262**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9FFFFFF**, and **0C98B7** is the 20% darker color. If you saturate the color by 10%, you get **4ACAEF**, and if you desaturate by 10%, it is **7AD4EF**.

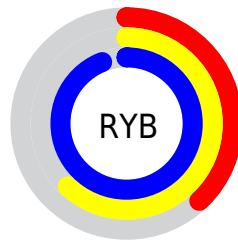
# Distribution



Red (38%)

Green (81%)

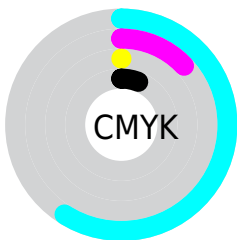
Blue (94%)



Red (38%)

Yellow (62%)

Blue (94%)

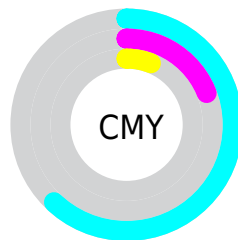


Cyan (59%)

Magenta (13%)

Yellow (0%)

Black (6%)



Cyan (62%)

Magenta (19%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62CFEF 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 62CFEF by changing the saturation by 10% instead.



 62CFEF

 62CFEF

FFFFFF

 40B3D3


 9FFFFFF

 0C98B7

 BEFFFF

 007E9C

 DCFFFF


 006582

 FAFFFF

 004D69

 003650

 002139

 000224

 00000B

■ 62CFEF

■ 62CFEF

■ 4ACAEF

■ 7AD4EF

■ 32C4EF

■ 92DAEF

■ 1ABFEF

■ AADFEF

■ 02B9EF

■ C2E5EF

■ 00B9EF

■ D9EAEF

■ F1F0EF

■ FFF5EF

■ FFFAEF

■ FFFFEF

# Harmonies

## Analogous

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



60D2D4



62CFEF



87C8FE

# Triad

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



62CFEF



F7ABCE



C3C586

# Complementary

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



62CFEF



EF8262

# 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.



E2BB84



62CFEF



FFABAF

# Square

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



62CFEF



DDB3EB



F8B194



A0CD97

# Rectangle

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



62CFEF



A6C1FE



F8B194



CEC283

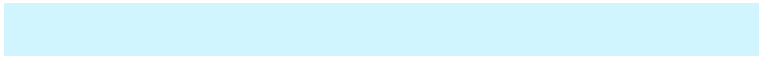


# Sweetspot

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



62CFEF



D1F5FF



62EF81



637980



000000



808080



# Same Dimension

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



62CFEF



4AD6FF



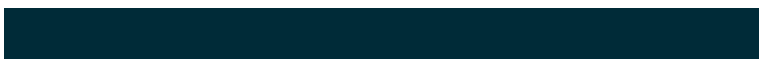
628AEF



6C7578



008EB8



002B38



# Inverse Universe

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



EF62CF



FF4AD6



EFC762



786C75



B8008E



38002B



# Previews

## White Background



This preview shows how the Hex color 62CFEF looks on a white background.

## Color Contrast Check

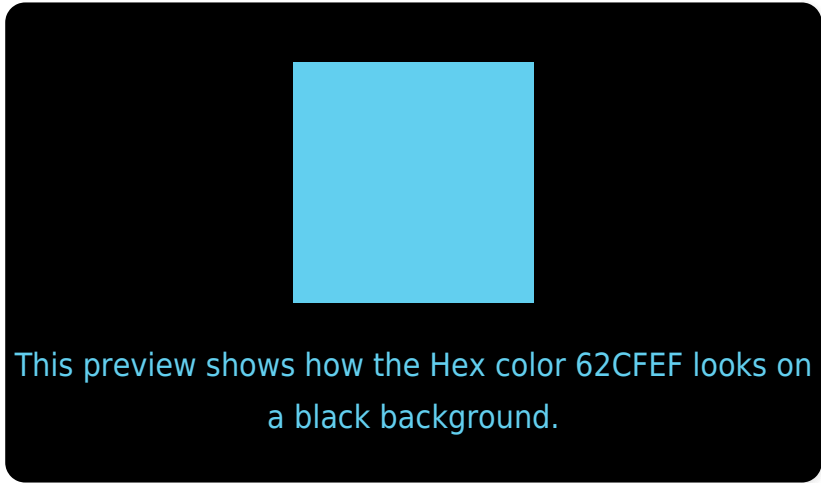
Large Text (above 18pt) WCAG AA × Fail

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 62CFEF Background



This preview shows how black text looks on a background with the Hex color 62CFEF.

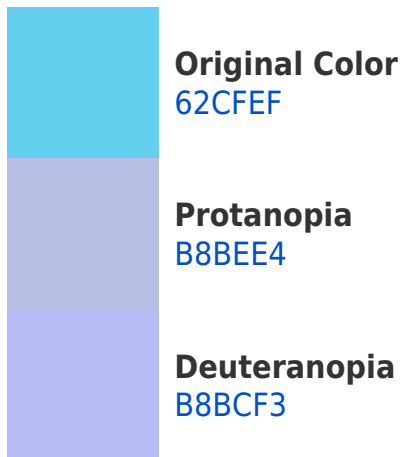


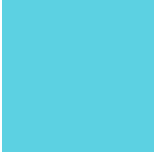
This preview shows how white text looks on a background with the Hex color 62CFEF.

# 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](#).

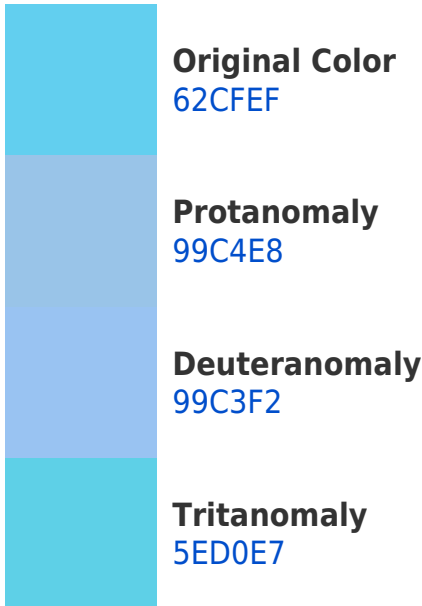
## Dichromacy



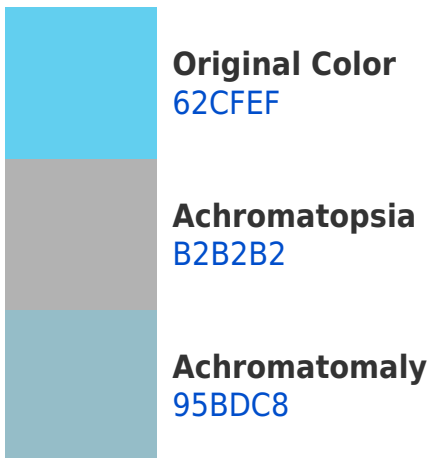


**Tritanopia**  
5CD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62CFEF 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 #62CFEF looks like.

```
.text, #text, p{  
    color:#62CFEF  
}
```

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 #62CFEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62CFEF
}
```

## Border

The CSS property to change the border of an element to Hex 62CFEF 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
#62CFEF }
```

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

```
.border{ border-color:#62CFEF }
```

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

Here you see how a box with a 4 pixel #62CFEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62CFEF; -webkit-box-shadow:4px 4px  
4px 4px #62CFEF; box-shadow:4px 4px 4px  
4px #62CFEF }
```

# Background

The CSS property to change the background color of an element to Hex 62CFEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62CFEF }
```

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

```
.background{ background-color:#62CFEF }
```

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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