

# Converting Colors

Hex(63A8F2)

Have a look what the booklet for  
Hex(63A8F2) contains.

<b>Hex(63A8F2)</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(63A8F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63A8F2
RGB	99, 168, 242
RGB Percent	39%, 66%, 95%
CMY	0.6118, 0.3412, 0.0510
CMYK	0.59, 0.31, 0.00, 0.05
HSL	211°, 85%, 67%
HSV	211°, 59%, 95%
XYZ	35.1752, 37.0687, 89.3054
YIQ	155.8050, -64.8780, 8.3860

# Conversions

## Conversions Part 2

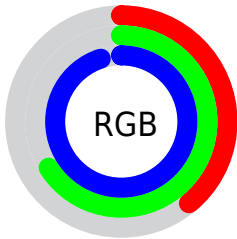
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	99, 146, 242
Decimal	6531314
CIE Lab	67.33, -0.20, -43.54
CIE LCh	67, 43.543, 269.743
Yxy	37.0687, 0.2177, 0.2295
Android (android.graphics.Color)	4284721394 (0xFF63A8F2)
YUV	155.8050, 42.4941, -49.8180
Hunter-Lab	60.8841, -3.4204, -44.3484

# Details

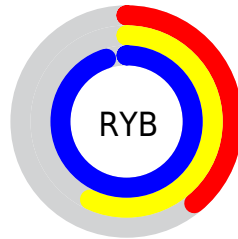
The Hex color **63A8F2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F2AD63**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9FDFFF**, and **1674B9** is the 20% darker color. If you saturate the color by 10%, you get **4B9BF2**, and if you desaturate by 10%, it is **7BB5F2**.

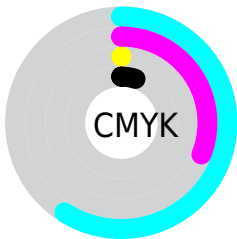
# Distribution



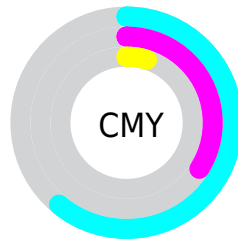
- Red (39%)
- Green (66%)
- Blue (95%)



- Red (39%)
- Yellow (57%)
- Blue (95%)



- Cyan (59%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (61%)
- Magenta (34%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A8F2 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 63A8F2 by changing the saturation by 10% instead.



■ 63A8F2

■ 63A8F2

FFFFFF

■ 428ED5

■ 9FDFFF

■ 1674B9

■ BDFBFF

■ 005C9E

■ DBFFFF

■ 004584

■ F9FFFF

■ 002F6A

■ 001B51

■ 00053A

■ 000223

■ 00000B

■ 63A8F2

■ 63A8F2

■ 4B9BF2

■ 7BB5F2

■ 338FF2

■ 93C1F2

■ 1A82F2

■ ACCEF2

■ 0276F2

■ C4DAF2

■ 0075F2

■ DCE7F2

■ F4F3F2

■ FFFFF2

# Harmonies

## Analogous

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



00B2E7



63A8F2



A79AE8

# Triad

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



63A8F2



ED887F



64B57B

# Complementary

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



63A8F2



F2AD63

# 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.



94AD5E



63A8F2



DC9461

# Square

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



63A8F2



EC84A6



BCA254



0EB8A2

# Rectangle

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



63A8F2



C890D7



BCA254



75B370

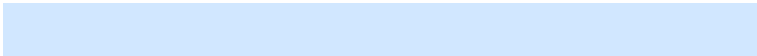


# Sweetspot

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



63A8F2



D1E7FF



63F2AD



637180



000000



808080



# Same Dimension

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



63A8F2



4AA1FF



6563F2



6C7278



0059B8



001B38



# Inverse Universe

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



F263A8



FF4AA1



F0F263



786C72



B80059

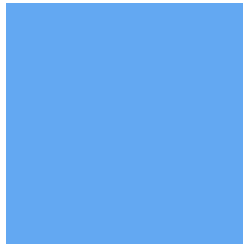


38001B



# Previews

## White Background



This preview shows how the Hex color 63A8F2 looks on a white background.

## Color Contrast Check

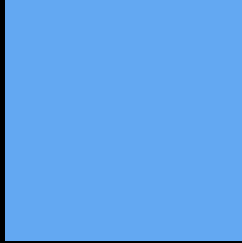
Large Text (above 18pt) WCAG AA × Fail

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 63A8F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

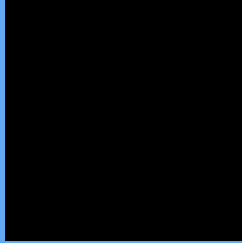
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

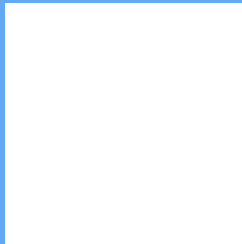
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63A8F2 Background



This preview shows how black text looks on a background with the Hex color 63A8F2.

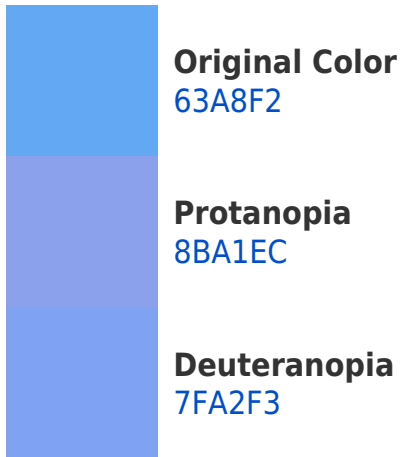


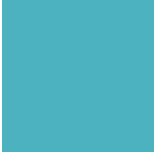
This preview shows how white text looks on a background with the Hex color 63A8F2.

# 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](#).

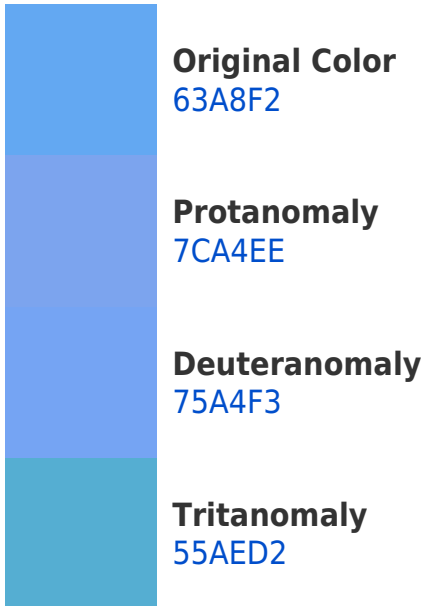
## Dichromacy



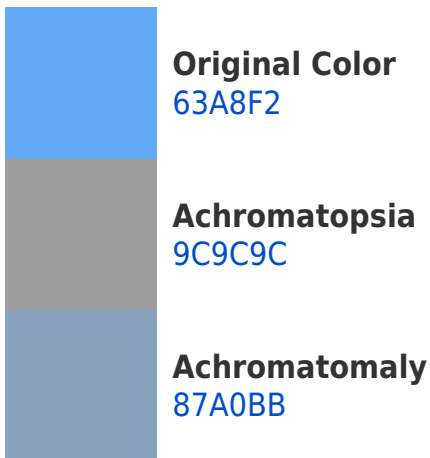


**Tritanopia**  
4DB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A8F2 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 #63A8F2 looks like.

```
.text, #text, p{  
    color:#63A8F2  
}
```

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 #63A8F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A8F2
}
```

## Border

The CSS property to change the border of an element to Hex 63A8F2 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
#63A8F2 }
```

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

```
.border{ border-color:#63A8F2 }
```

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

Here you see how a box with a 4 pixel #63A8F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A8F2; -webkit-box-shadow:4px 4px  
4px 4px #63A8F2; box-shadow:4px 4px 4px  
4px #63A8F2 }
```

# Background

The CSS property to change the background color of an element to Hex 63A8F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A8F2 }
```

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

```
.background{ background-color:#63A8F2 }
```

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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