

# Converting Colors

Hex(6882F3)

Have a look what the booklet for  
Hex(6882F3) contains.

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# Color

**Hex(6882F3)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6882F3
RGB	104, 130, 243
RGB Percent	41%, 51%, 95%
CMY	0.5922, 0.4902, 0.0471
CMYK	0.57, 0.47, 0.00, 0.05
HSL	229°, 85%, 68%
HSV	229°, 57%, 95%
XYZ	29.8692, 25.3794, 88.1185
YIQ	135.1080, -51.7690, 29.6310

# Conversions

## Conversions Part 2

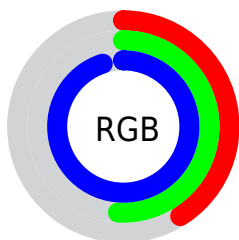
Format	Color
<a href="#">RYB</a>	<a href="#">104, 126, 243</a>
Decimal	<a href="#">6849267</a>
CIELab	<a href="#">57.44, 23.37, -59.75</a>
CIELCh	<a href="#">57, 64.162, 291.362</a>
Yxy	<a href="#">25.3794, 0.2083, 0.1770</a>
Android (android.graphics.Color)	<a href="#">4285039347</a> (0xFF6882F3)
YUV	<a href="#">135.1080, 53.1908, -27.2817</a>
Hunter-Lab	<a href="#">50.3780, 17.6717, -68.4424</a>

# Details

The Hex color **6882F3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F3D968**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A4B7FF**, and **2051BA** is the 20% darker color. If you saturate the color by 10%, you get **506EF3**, and if you desaturate by 10%, it is **8096F3**.

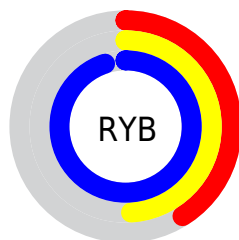
# Distribution



Red (41%)

Green (51%)

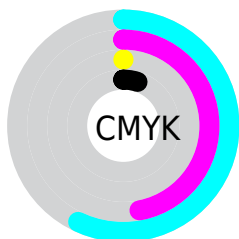
Blue (95%)



Red (41%)

Yellow (49%)

Blue (95%)

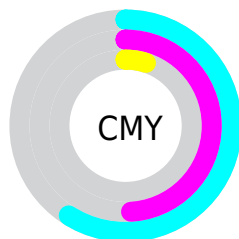


Cyan (57%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (59%)

Magenta (49%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6882F3 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 6882F3 by changing the saturation by 10% instead.

 6882F3

FFFFFF

 A4B7FF

 C2D2FF

 E0EEFF

 6882F3

 4869D6

 2051BA

 003B9F

 002684

 00146A

 000151

 000539

 000222

 000009

 6882F3

 6882F3

 506EF3

 8096F3

 375AF3

 99AAF3

 1F47F3

 B1BDF3

 0733F3

 C9D1F3

 002DF3

 E1E5F3

 FAF9F3

 FFFFF3

# Harmonies

## Analogous

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



0095F9



6882F3



BD68D1

# Triad

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



6882F3



D96A32



00A377

# Complementary

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



6882F3



F3D968

# 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.



329E3F



6882F3



B38200

# Square

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



6882F3



ED5465



7F9306



00A4B1

# Rectangle

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



6882F3



DC58AF



7F9306



00A264

# Sweetspot

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



6882F3



D4DCFF



68F3D7



666B80



000000



808080



# Same Dimension

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



6882F3



4F70FF



9268F3



6E707A



0023BA



000B3B



# Inverse Universe

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



F36882



FF4F70



C9F368



7A6E70



BA0023

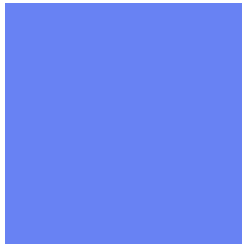


3B000B



# Previews

## White Background



This preview shows how the Hex color 6882F3 looks on a white background.

## Color Contrast Check

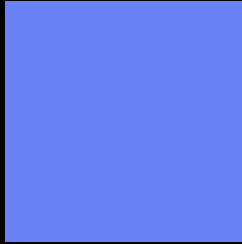
Large Text (above 18pt) WCAG AA ✓ Pass

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 6882F3 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 × Fail

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

## Hex 6882F3 Background



This preview shows how black text looks on a background with the Hex color 6882F3.



This preview shows how white text looks on a background with the Hex color 6882F3.

# 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

## 4795A1

# Trichromacy

	<b>Original Color</b> 6882F3
	<b>Protanomaly</b> 5B85F6
	<b>Deuteranomaly</b> 4688F2
	<b>Tritanomaly</b> 538EBF

# Monochromacy

	<b>Original Color</b> 6882F3
	<b>Achromatopsia</b> 878787
	<b>Achromatomaly</b> 7C85AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6882F3 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 #6882F3 looks like.

```
.text, #text, p{  
    color:#6882F3  
}
```

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 #6882F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6882F3
}
```

## Border

The CSS property to change the border of an element to Hex 6882F3 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
#6882F3 }
```

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

```
.border{ border-color:#6882F3 }
```

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

Here you see how a box with a 4 pixel #6882F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6882F3; -webkit-box-shadow:4px 4px  
4px 4px #6882F3; box-shadow:4px 4px 4px  
4px #6882F3 }
```

# Background

The CSS property to change the background color of an element to Hex 6882F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6882F3 }
```

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

```
.background{ background-color:#6882F3 }
```

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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