

# Converting Colors

Hex(6E93F2)

Have a look what the booklet for  
Hex(6E93F2) contains.

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# **Color**

**Hex(6E93F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E93F2
RGB	110, 147, 242
RGB Percent	43%, 58%, 95%
CMY	0.5686, 0.4235, 0.0510
CMYK	0.55, 0.39, 0.00, 0.05
HSL	223°, 84%, 69%
HSV	223°, 55%, 95%
XYZ	32.8911, 30.5932, 88.1759
YIQ	146.7670, -52.5470, 21.7010

# Conversions

## Conversions Part 2

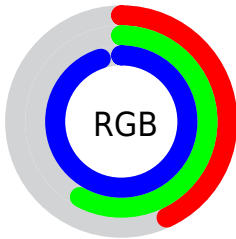
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 139, 242
Decimal	7246834
CIE Lab	62.16, 14.13, -51.66
CIE LCh	62, 53.554, 285.294
Yxy	30.5932, 0.2169, 0.2017
Android (android.graphics.Color)	4285436914 (0xFF6E93F2)
YUV	146.7670, 46.9499, -32.2447
Hunter-Lab	55.3112, 9.3517, -55.8011

# Details

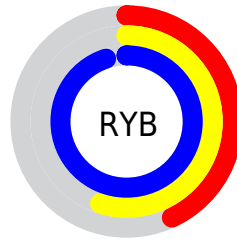
The Hex color **6E93F2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F2CD6E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A9C9FF**, and **2D61B9** is the 20% darker color. If you saturate the color by 10%, you get **5682F2**, and if you desaturate by 10%, it is **86A4F2**.

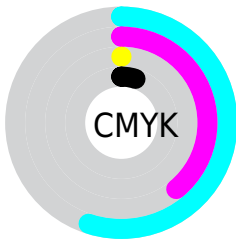
# Distribution



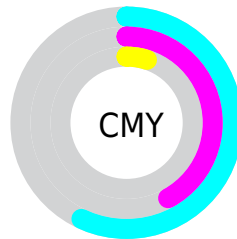
- Red (43%)
- Green (58%)
- Blue (95%)



- Red (43%)
- Yellow (55%)
- Blue (95%)



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)



- Cyan (57%)
- Magenta (42%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E93F2 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 6E93F2 by changing the saturation by 10% instead.



 6E93F2

 6E93F2

FFFFFF

 4F79D5

 A9C9FF

 2D61B9

 C7E5FF

 004A9E

 E4FFFF

 003483

 00206A

 000751

 000539

 000223

 000009

 6E93F2

 6E93F2

 5682F2

 86A4F2

 3E70F2

 9EB6F2

 255FF2

 B7C7F2

 0D4DF2

 CFD9F2

 0044F2

 E7EAF2

 FFFBF2

 FFFFF2

# Harmonies

## Analogous

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



00A2F2



6E93F2



B880DA

# Triad

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



6E93F2



E27955



00AC7D

# Complementary

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



6E93F2



F2CD6E

# 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.



63A650



6E93F2



C48B37

# Square

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



6E93F2



EE6D80



999B34



00AEAE

# Rectangle

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



6E93F2



D774BF



999B34



2AAB6D



# Sweetspot

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



6E93F2



D6E2FF



6EF2CD



676E80



000000



808080



# Same Dimension

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



6E93F2



5988FF



8B6EF2



6C6F78



0033B8



001038



# Inverse Universe

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



F26E93



FF5988



D5F26E



786C6F



B80033

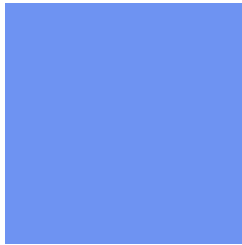


380010



# Previews

## White Background



This preview shows how the Hex color 6E93F2 looks on a white background.

## Color Contrast Check

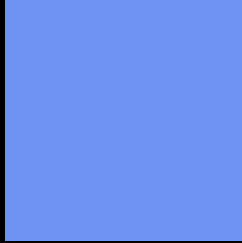
Large Text (above 18pt) WCAG AA × Fail

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 6E93F2 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 6E93F2 Background



This preview shows how black text looks on a background with the Hex color 6E93F2.



This preview shows how white text looks on a background with the Hex color 6E93F2.

# 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



**Original Color**  
6E93F2

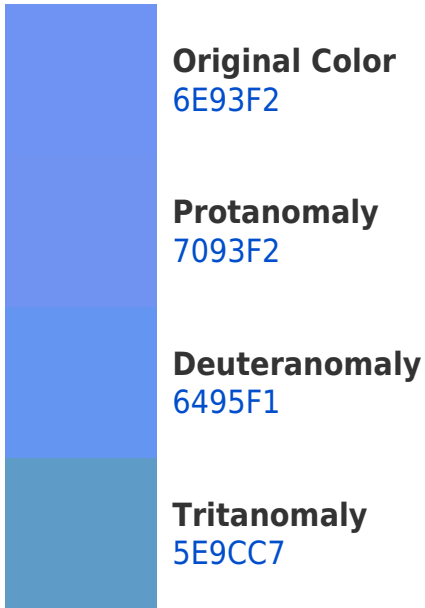
**Protanopia**  
7193F2

**Deuteranopia**  
5F96F1

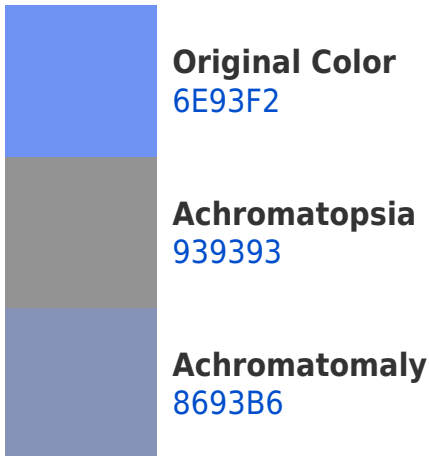


**Tritanopia**  
55A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E93F2 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 #6E93F2 looks like.

```
.text, #text, p{  
    color:#6E93F2  
}
```

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 #6E93F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E93F2
}
```

## Border

The CSS property to change the border of an element to Hex 6E93F2 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
#6E93F2 }
```

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

```
.border{ border-color:#6E93F2 }
```

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

Here you see how a box with a 4 pixel #6E93F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E93F2; -webkit-box-shadow:4px 4px  
4px 4px #6E93F2; box-shadow:4px 4px 4px  
4px #6E93F2 }
```

# Background

The CSS property to change the background color of an element to Hex 6E93F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E93F2 }
```

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

```
.background{ background-color:#6E93F2 }
```

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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