

Converting Colors

Hex(6E71F2)

Have a look what the booklet for
Hex(6E71F2) contains.

Hex(6E71F2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E71F2)

Conversions

Conversions Part 1

Format	Color
Hex	6E71F2
RGB	110, 113, 242
RGB Percent	43%, 44%, 95%
CMY	0.5686, 0.5569, 0.0510
CMYK	0.55, 0.53, 0.00, 0.05
HSL	239°, 84%, 69%
HSV	239°, 55%, 95%
XYZ	28.3625, 21.5361, 86.6664
YIQ	126.8090, -43.1970, 39.4830

Conversions

Conversions Part 2

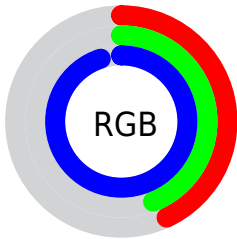
Format	Color
R_{YB}	110, 113, 242
Decimal	7238130
CIE _{Lab}	53.53, 34.42, -65.47
CIE _{LCh}	54, 73.965, 297.732
Yxy	21.5361, 0.2077, 0.1577
Android (android.graphics.Color)	4285428210 (0xFF6E71F2)
YUV	126.8090, 56.7892, -14.7415
Hunter-Lab	46.4070, 27.8817, -78.2410

Details

The Hex color **6E71F2** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **F2EF6E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **AAA5FF**, and **2A41B9** is the 20% darker color. If you saturate the color by 10%, you get **5659F2**, and if you desaturate by 10%, it is **8689F2**.

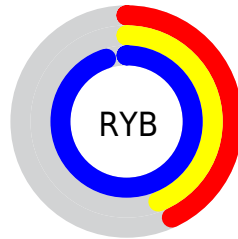
Distribution



Red (43%)

Green (44%)

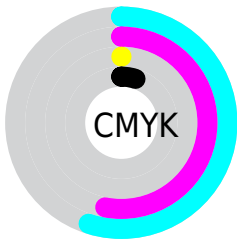
Blue (95%)



Red (43%)

Yellow (44%)

Blue (95%)

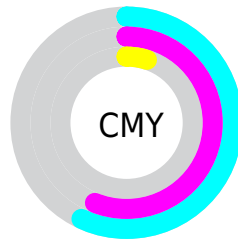


Cyan (55%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (57%)

Magenta (56%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E71F2 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 6E71F2 by changing the saturation by 10% instead.

 6E71F2

 6E71F2

FFFFFF

 4E59D5

 AAA5FF

 2A41B9

 C8C0FF

 002B9D

 E6DCFF


 001783

 FFF8FF

 000269

 00054F

 000538

 000221

 000006

■ 6E71F2

■ 6E71F2

■ 5659F2

■ 8689F2

■ 3E42F2

■ 9EA0F2

■ 252AF2

■ B7B8F2

■ 0D12F2

■ CFD0F2

■ 0005F2

■ E7E7F2

■ FFFFF2

Harmonies

Analogous

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



008AFF



6E71F2



C64EC5

Triad

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



6E71F2



CE6000



009B79

Complementary

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



6E71F2



F2EF6E

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.



009736



6E71F2



9F7C00

Square

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



6E71F2



EA3E49



608D00



009BBA

Rectangle

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



6E71F2



E3379D



608D00



009A63

Sweetspot

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



6E71F2



D6D7FF



6EF2EE



676880



000000



808080

Same Dimension

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



6E71F2



595DFF



AC6EF2



6C6C78



0004B8



000138

Inverse Universe

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



F26E71



FF595D



B4F26E



786C6C



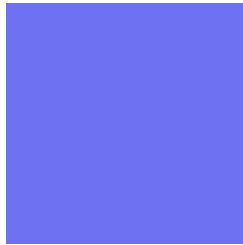
B80004



380001

Previews

White Background



This preview shows how the Hex color 6E71F2 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



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 6E71F2 Background



This preview shows how black text looks on a background with the Hex color 6E71F2.

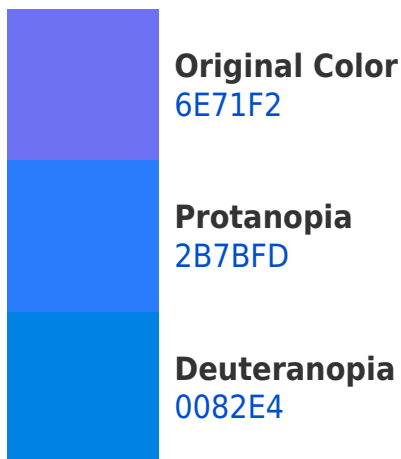



This preview shows how white text looks on a background with the Hex color 6E71F2.

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](#).

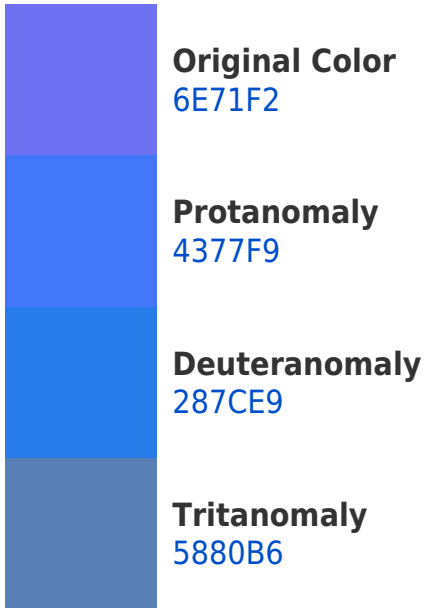
Dichromacy



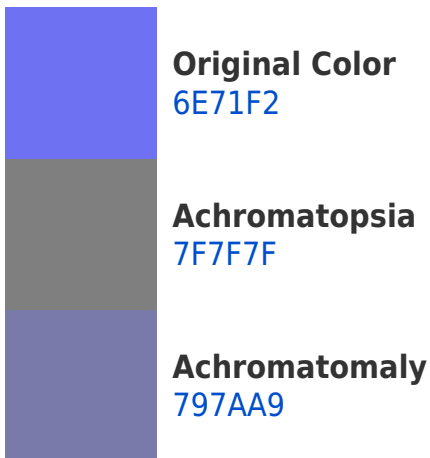


Tritanopia
4C8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E71F2 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 #6E71F2 looks like.

```
.text, #text, p{  
    color:#6E71F2  
}
```

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 #6E71F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E71F2
}
```

Border

The CSS property to change the border of an element to Hex 6E71F2 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
#6E71F2 }
```

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

```
.border{ border-color:#6E71F2 }
```

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

Here you see how a box with a 4 pixel #6E71F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E71F2; -webkit-box-shadow:4px 4px  
4px 4px #6E71F2; box-shadow:4px 4px 4px  
4px #6E71F2 }
```

Background

The CSS property to change the background color of an element to Hex 6E71F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E71F2 }
```

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

```
.background{ background-color:#6E71F2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor