

Converting Colors

Hex(6D7EF2)

Have a look what the booklet for
Hex(6D7EF2) contains.

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Color

Hex(6D7EF2)

Conversions

Conversions Part 1

Format	Color
Hex	6D7EF2
RGB	109, 126, 242
RGB Percent	43%, 49%, 95%
CMY	0.5725, 0.5059, 0.0510
CMYK	0.55, 0.48, 0.00, 0.05
HSL	232°, 84%, 69%
HSV	232°, 55%, 95%
XYZ	29.7945, 24.5837, 87.1792
YIQ	134.1410, -47.3680, 32.4720

Conversions

Conversions Part 2

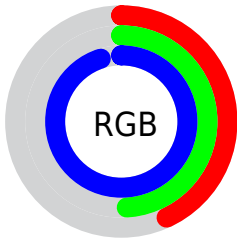
Format	Color
R _Y B	109, 124, 242
Decimal	7175922
CIE Lab	56.67, 26.43, -60.43
CIE LCh	57, 65.954, 293.625
Yxy	24.5837, 0.2105, 0.1737
Android (android.graphics.Color)	4285366002 (0xFF6D7EF2)
YUV	134.1410, 53.1745, -22.0487
Hunter-Lab	49.5820, 20.4948, -69.5413

Details

The Hex color **6D7EF2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F2E16D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A9B2FF**, and **294DB9** is the 20% darker color. If you saturate the color by 10%, you get **5569F2**, and if you desaturate by 10%, it is **8593F2**.

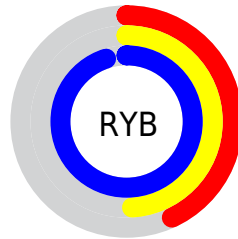
Distribution



Red (43%)

Green (49%)

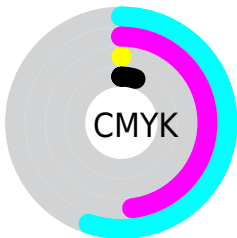
Blue (95%)



Red (43%)

Yellow (49%)

Blue (95%)

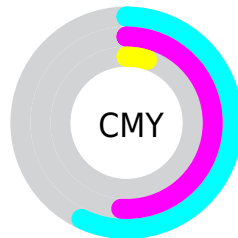


Cyan (55%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (57%)

Magenta (51%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7EF2 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 6D7EF2 by changing the saturation by 10% instead.

■ 6D7EF2

■ 6D7EF2

FFFFFF

■ 4E65D5

■ A9B2FF

■ 294DB9

■ C6CEFF

■ 00379E

■ E4EAFF

■ 002383

■ 001069

■ 000150

■ 000538

■ 000222

■ 000007

■ 6D7EF2

■ 6D7EF2

■ 5569F2

■ 8593F2

■ 3D54F2

■ 9DA8F2

■ 243FF2

■ B6BDF2

■ 0C2AF2

■ CED2F2

■ 001FF2

■ E6E8F2

■ FEFDF2

■ FFFFF2

Harmonies

Analogous

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



0092FB



6D7EF2



C163CD

Triad

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



6D7EF2



D66929



00A179

Complementary

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



6D7EF2



F2E16D

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.



1D9D3F



6D7EF2



AD8100

Square

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



6D7EF2



EC515E



779200



00A2B4

Rectangle

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



6D7EF2



DF52AA



779200



00A065

Sweetspot

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



6D7EF2



D6DBFF



6DF2E0



676A80



000000



808080

Same Dimension

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



6D7EF2



576CFF



9E6DF2



6C6D78



0017B8



000738

Inverse Universe

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



F26D7E



FF576C



C1F26D



786C6D



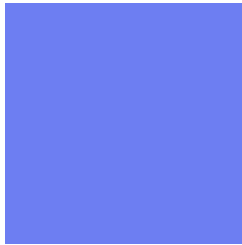
B80017



380007

Previews

White Background



This preview shows how the Hex color 6D7EF2 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 6D7EF2 Background



This preview shows how black text looks on a background with the Hex color 6D7EF2.



This preview shows how white text looks on a background with the Hex color 6D7EF2.

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
6D7EF2

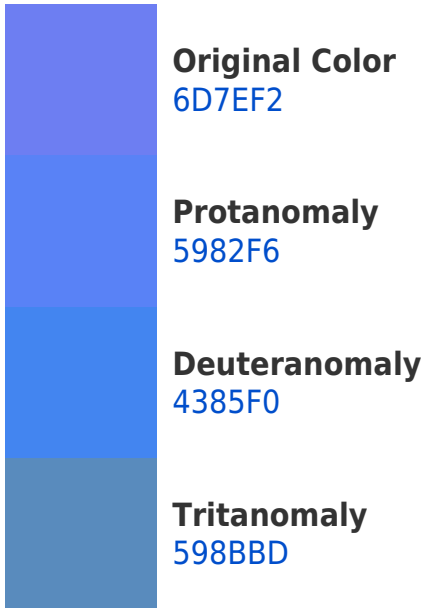
Protanopia
4D84F8

Deuteranopia
2B89EF



Tritanopia
4E929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7EF2 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 #6D7EF2 looks like.

```
.text, #text, p{  
    color:#6D7EF2  
}
```

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 #6D7EF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7EF2
}
```

Border

The CSS property to change the border of an element to Hex 6D7EF2 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
#6D7EF2 }
```

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

```
.border{ border-color:#6D7EF2 }
```

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

Here you see how a box with a 4 pixel #6D7EF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7EF2; -webkit-box-shadow:4px 4px  
4px 4px #6D7EF2; box-shadow:4px 4px 4px  
4px #6D7EF2 }
```

Background

The CSS property to change the background color of an element to Hex 6D7EF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7EF2 }
```

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

```
.background{ background-color:#6D7EF2 }
```

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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