

Converting Colors

Hex(787EF2)

Have a look what the booklet for
Hex(787EF2) contains.

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Color

Hex(787EF2)

Conversions

Conversions Part 1

Format	Color
Hex	787EF2
RGB	120, 126, 242
RGB Percent	47%, 49%, 95%
CMY	0.5294, 0.5059, 0.0510
CMYK	0.50, 0.48, 0.00, 0.05
HSL	237°, 82%, 71%
HSV	237°, 50%, 95%
XYZ	31.2336, 25.3256, 87.2465
YIQ	137.4300, -40.8120, 34.8040

Conversions

Conversions Part 2

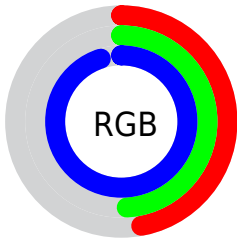
Format	Color
R_{YB}	120, 126, 242
Decimal	7896818
CIE _{Lab}	57.39, 28.69, -59.23
CIE _{LCh}	57, 65.811, 295.850
Yxy	25.3256, 0.2172, 0.1761
Android (android.graphics.Color)	4286086898 (0xFF787EF2)
YUV	137.4300, 51.5530, -15.2861
Hunter-Lab	50.3245, 22.7169, -67.5626

Details

The Hex color **787EF2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F2EC78**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B3B3FF**, and **3A4DB9** is the 20% darker color. If you saturate the color by 10%, you get **6067F2**, and if you desaturate by 10%, it is **9095F2**.

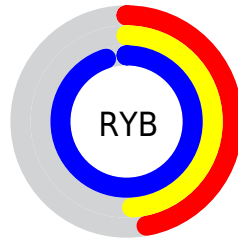
Distribution



Red (47%)

Green (49%)

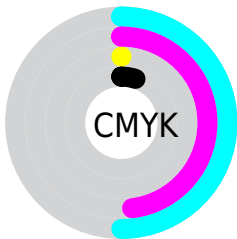
Blue (95%)



Red (47%)

Yellow (49%)

Blue (95%)

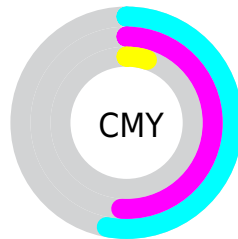


Cyan (50%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (51%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787EF2 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 787EF2 by changing the saturation by 10% instead.

■ 787EF2

■ 787EF2

FFFFFF

■ 5A65D5

■ B3B3FF

■ 3A4DB9

■ D0CEFF

■ 0B379E

■ EEEAFF

■ 002283

■ 000F69

■ 000050

■ 000538

■ 000222

■ 000007

■ 787EF2

■ 787EF2

■ 6067F2

■ 9095F2

■ 4850F2

■ A8ACF2

■ 2F39F2

■ C1C3F2

■ 1722F2

■ D9DAF2

■ 000CF2

■ F1F1F2

■ FFFFF2

Harmonies

Analogous

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



0093FD



787EF2



C763CB

Triad

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



787EF2



D66D28



00A480

Complementary

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



787EF2



F2EC78

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.



0E9F45



787EF2



AC8400

Square

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



787EF2



EE555B



759508



00A4BA

Rectangle

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



787EF2



E353A7



759508



00A36C

Sweetspot

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



787EF2



D9DBFF



78F2EC



696A80



000000



808080

Same Dimension

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



787EF2



666EFF



AF78F2



6C6C78



0009B8



000338

Inverse Universe

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



F2787E



FF666E



BBF278



786C6C



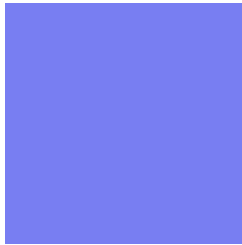
B80009



380003

Previews

White Background



This preview shows how the Hex color 787EF2 looks on a white background.

Color Contrast Check

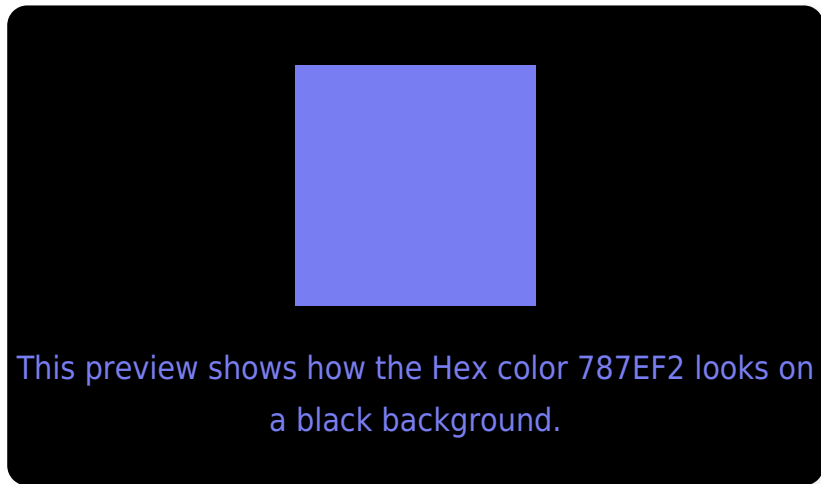
Large Text (above 18pt) WCAG AA ✓ Pass

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 787EF2 Background



This preview shows how black text looks on a background with the Hex color 787EF2.



This preview shows how white text looks on a background with the Hex color 787EF2.

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](#).

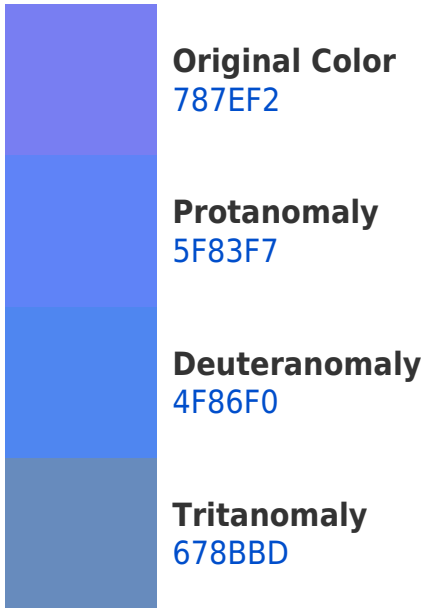
Dichromacy





Tritanopia
5E929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 787EF2 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 #787EF2 looks like.

```
.text, #text, p{  
    color:#787EF2  
}
```

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 #787EF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787EF2
}
```

Border

The CSS property to change the border of an element to Hex 787EF2 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
#787EF2 }
```

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

```
.border{ border-color:#787EF2 }
```

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

Here you see how a box with a 4 pixel #787EF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787EF2; -webkit-box-shadow:4px 4px  
4px 4px #787EF2; box-shadow:4px 4px 4px  
4px #787EF2 }
```

Background

The CSS property to change the background color of an element to Hex 787EF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787EF2 }
```

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

```
.background{ background-color:#787EF2 }
```

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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