

Converting Colors

Hex(8168F2)

Have a look what the booklet for
Hex(8168F2) contains.

Hex(8168F2)	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(8168F2)

Conversions

Conversions Part 1

Format	Color
Hex	8168F2
RGB	129, 104, 242
RGB Percent	51%, 41%, 95%
CMY	0.4941, 0.5922, 0.0510
CMYK	0.47, 0.57, 0.00, 0.05
HSL	251°, 84%, 68%
HSV	251°, 57%, 95%
XYZ	30.0306, 20.9786, 86.4709
YIQ	127.2070, -29.3980, 48.2180

Conversions

Conversions Part 2

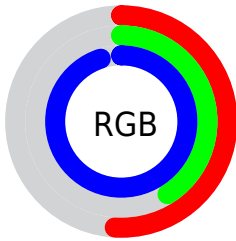
Format	Color
R _Y B	129, 104, 242
Decimal	8481010
CIE Lab	52.93, 43.45, -66.37
CIE LCh	53, 79.332, 303.212
Yxy	20.9786, 0.2184, 0.1526
Android (android.graphics.Color)	4286671090 (0xFF8168F2)
YUV	127.2070, 56.5929, 1.5725
Hunter-Lab	45.8024, 36.8805, -79.8727

Details

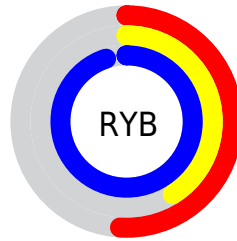
The Hex color **8168F2** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **D9F268**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BC9CFF**, and **4437B9** is the 20% darker color. If you saturate the color by 10%, you get **6D50F2**, and if you desaturate by 10%, it is **9580F2**.

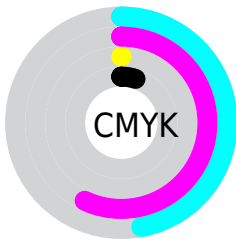
Distribution



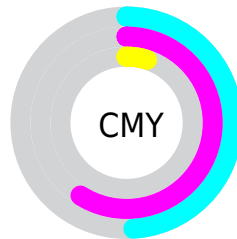
- Red (51%)
- Green (41%)
- Blue (95%)



- Red (51%)
- Yellow (41%)
- Blue (95%)



- Cyan (47%)
- Magenta (57%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (59%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8168F2 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 8168F2 by changing the saturation by 10% instead.

 8168F2

 8168F2

FFFFFF

 634FD5

 BC9CFF

 4437B9

 DAB7FF

 1E219D

 F8D3FF


 000A82

 FFF0FF

 000068

 00004F

 000537

 000221

 000006

 8168F2

 8168F2

 6D50F2

 9580F2

 5938F2

 A998F2

 461FF2

 BCB1F2

 3207F2

 D0C9F2

 2C00F2

 E4E1F2

 F8F9F2

 FFFF2

Harmonies

Analogous

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



0085FF



8168F2



D33EBD

Triad

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



8168F2



C86200



009B84

Complementary

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



8168F2



D9F268

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.



00973C



8168F2



937E00

Square

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



8168F2



EB3A38



4B8F00



009BC8

Rectangle

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



8168F2



ED2091



4B8F00



009A6C

Sweetspot

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



8168F2



DCD4FF



68DBF2



6B6680



000000



808080

Same Dimension

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



8168F2



7152FF



C468F2



6E6C78



2100B8



0A0038

Inverse Universe

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



F268D9



FF52E0



96F268



786C76



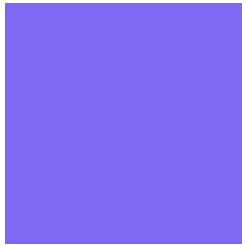
B80096



38002E

Previews

White Background



This preview shows how the Hex color 8168F2 looks on a white background.

Color Contrast Check

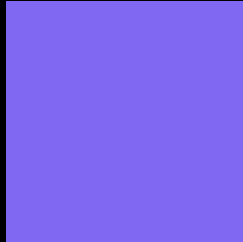
Large Text (above 18pt) WCAG AA ✓ Pass

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 8168F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

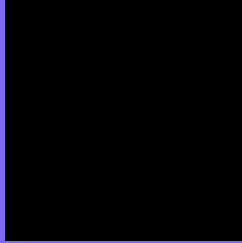
Any Text WCAG AA ✓ Pass

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 8168F2 Background



This preview shows how black text looks on a background with the Hex color 8168F2.

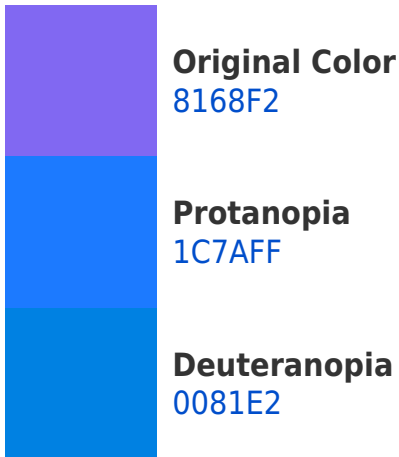



This preview shows how white text looks on a background with the Hex color 8168F2.

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
66838D

Trichromacy



Original Color
8168F2



Protanomaly
4173FA



Deuteranomaly
2F78E8



Tritanomaly
7079B2

Monochromacy



Original Color
8168F2



Achromatopsia
7F7F7F



Achromatomaly
8077A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 8168F2 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 #8168F2 looks like.

```
.text, #text, p{  
    color:#8168F2  
}
```

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 #8168F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8168F2
}
```

Border

The CSS property to change the border of an element to Hex 8168F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

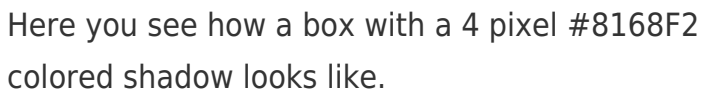
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8168F2 }
```

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

```
.border{ border-color:#8168F2 }
```

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



Here you see how a box with a 4 pixel #8168F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8168F2; -webkit-box-shadow:4px 4px  
4px 4px #8168F2; box-shadow:4px 4px 4px  
4px #8168F2 }
```

Background

The CSS property to change the background color of an element to Hex 8168F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8168F2 }
```

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

```
.background{ background-color:#8168F2 }
```

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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