

Converting Colors

Hex(8166F2)

Have a look what the booklet for
Hex(8166F2) contains.

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Color

Hex(8166F2)

Conversions

Conversions Part 1

Format	Color
Hex	8166F2
RGB	129, 102, 242
RGB Percent	51%, 40%, 95%
CMY	0.4941, 0.6000, 0.0510
CMYK	0.47, 0.58, 0.00, 0.05
HSL	252°, 84%, 67%
HSV	252°, 58%, 95%
XYZ	29.8316, 20.5807, 86.4046
YIQ	126.0330, -28.8480, 49.2640

Conversions

Conversions Part 2

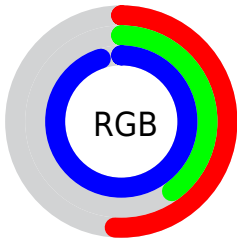
Format	Color
RYB	129, 102, 242
Decimal	8480498
CIELab	52.49, 44.59, -67.08
CIElCh	52, 80.549, 303.612
Yxy	20.5807, 0.2180, 0.1504
Android (android.graphics.Color)	4286670578 (0xFF8166F2)
YUV	126.0330, 57.1717, 2.6021
Hunter-Lab	45.3659, 37.9873, -81.1684

Details

The Hex color **8166F2** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D7F266**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BC9AFF**, and **4435B9** is the 20% darker color. If you saturate the color by 10%, you get **6D4EF2**, and if you desaturate by 10%, it is **957EF2**.

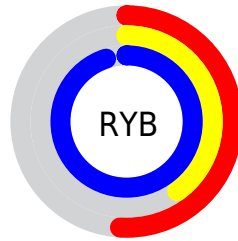
Distribution



Red (51%)

Green (40%)

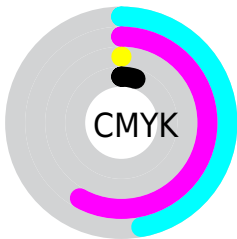
Blue (95%)



Red (51%)

Yellow (40%)

Blue (95%)

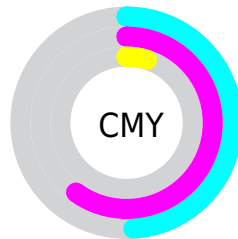


Cyan (47%)

Magenta (58%)

Yellow (0%)

Black (5%)



Cyan (49%)


Magenta (60%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8166F2 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 8166F2 by changing the saturation by 10% instead.

 8166F2

 8166F2

FFFFFF

 634DD5

 BC9AFF

 4435B9

 DAB5FF

 1D1E9D

 F8D1FF

 000782

 FFEDFF

 000068

 00014F

 000537

 000221

 000006

8166F2

8166F2

6D4EF2

957EF2

5A36F2

A896F2

461DF2

BCAFF2

3305F2

CFC7F2

2F00F2

E3DFF2

F6F7F2

FFFFF2

Harmonies

Analogous

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



0084FF



8166F2



D439BC

Triad

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



8166F2



C76100



009A84

Complementary

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



8166F2



D7F266

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.



00973A



8166F2



917D00

Square

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



8166F2



EB3735



478E00



009AC9

Rectangle

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



8166F2



ED178F



478E00



00996C

Sweetspot

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



8166F2



DCD4FF



66D8F2



6B6680



000000



808080

Same Dimension

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



8166F2



714FFF



C666F2



6E6C78



2300B8



0B0038

Inverse Universe

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



F266D7



FF4FDD



92F266



786C76



B80094



38002D

Previews

White Background



This preview shows how the Hex color 8166F2 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

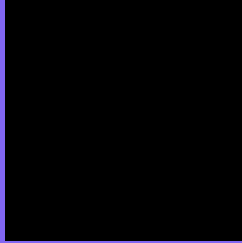
Any Text WCAG AA ✓ Pass

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 8166F2 Background



This preview shows how black text looks on a background with the Hex color 8166F2.

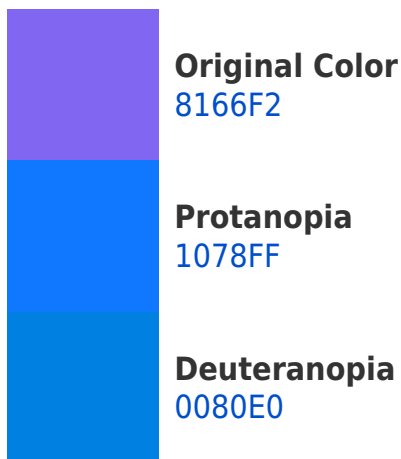



This preview shows how white text looks on a background with the Hex color 8166F2.

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
65828C

Trichromacy



Original Color
8166F2



Protanomaly
3971FA



Deuteranomaly
2F77E7



Tritanomaly
6F78B1

Monochromacy



Original Color
8166F2



Achromatopsia
7E7E7E



Achromatomaly
7F75A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 8166F2 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 #8166F2 looks like.

```
.text, #text, p{  
    color:#8166F2  
}
```

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 #8166F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8166F2
}
```

Border

The CSS property to change the border of an element to Hex 8166F2 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
#8166F2 }
```

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

```
.border{ border-color:#8166F2 }
```

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

Here you see how a box with a 4 pixel #8166F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8166F2; -webkit-box-shadow:4px 4px  
4px 4px #8166F2; box-shadow:4px 4px 4px  
4px #8166F2 }
```

Background

The CSS property to change the background color of an element to Hex 8166F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8166F2 }
```

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

```
.background{ background-color:#8166F2 }
```

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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