

Converting Colors

Hex(6818E7)

Have a look what the booklet for
Hex(6818E7) contains.

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Color

Hex(6818E7)

Conversions

Conversions Part 1

Format	Color
Hex	6818E7
RGB	104, 24, 231
RGB Percent	41%, 9%, 91%
CMY	0.5922, 0.9059, 0.0941
CMYK	0.55, 0.90, 0.00, 0.09
HSL	263°, 81%, 50%
HSV	263°, 90%, 91%
XYZ	20.4594, 9.3658, 76.3308
YIQ	71.5180, -18.7670, 81.3370

Conversions

Conversions Part 2

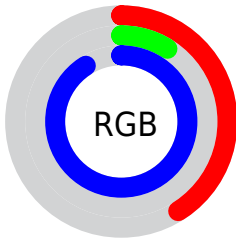
Format	Color
R_{YB}	104, 24, 231
Decimal	6822119
CIE _{Lab}	36.68, 72.59, -86.84
CIE _{LCh}	37, 113.184, 309.891
Yxy	9.3658, 0.1927, 0.0882
Android (android.graphics.Color)	4285012199 (0xFF6818E7)
YUV	71.5180, 78.6246, 28.4867
Hunter-Lab	30.6037, 65.7755, -126.4568

Details

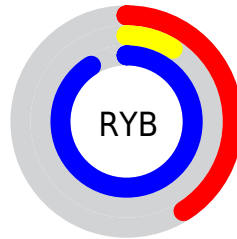
The Hex color **6818E7** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **97E718**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A856FF**, and **1200AE** is the 20% darker color. If you saturate the color by 10%, you get **5A01E7**, and if you desaturate by 10%, it is **762FE7**.

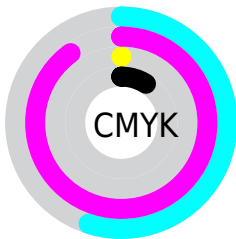
Distribution



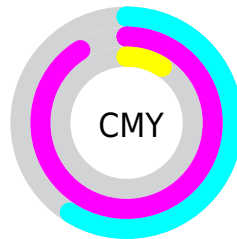
- Red (41%)
- Green (9%)
- Blue (91%)



- Red (41%)
- Yellow (9%)
- Blue (91%)



- Cyan (55%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6818E7 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 6818E7 by changing the saturation by 10% instead.

 6818E7

 6818E7

FFFFFF

 4500CA

 A856FF

 1200AE

 C771FF

 000092

 E68DFF

 000077

 FFA9FF

 00025D

 FFC6FF

 000845

 FFE3FF

 00032D

 000118

 000000

■ 6818E7

■ 6818E7

■ 5A01E7

■ 762FE7

■ 5900E7

■ 8446E7

■ 935DE7

■ A174E7

■ AF8CE7

■ BDA3E7

■ CBBAE7

■ D9D1E7

■ E8E8E7

Harmonies

Analogous

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



005EFF



6818E7



CF0097

Triad

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



6818E7



993600



007374

Complementary

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



6818E7



97E718

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.



007006



6818E7



4E5D00

Square

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



6818E7



CE0000



006C00



0076CD

Rectangle

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



6818E7



E4005C



006C00



007254

Sweetspot

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



6818E7



D5BAFF



1898E7



665780



000000



808080

Same Dimension

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



6818E7



6300FF



CF18E7



6C6773



4500B3



140033

Inverse Universe

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



E71897



FF009C



30E718



73676E



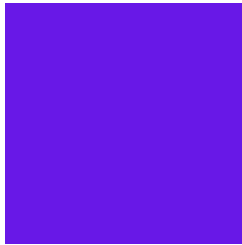
B3006E



33001F

Previews

White Background



This preview shows how the Hex color 6818E7 looks on a white background.

Color Contrast Check

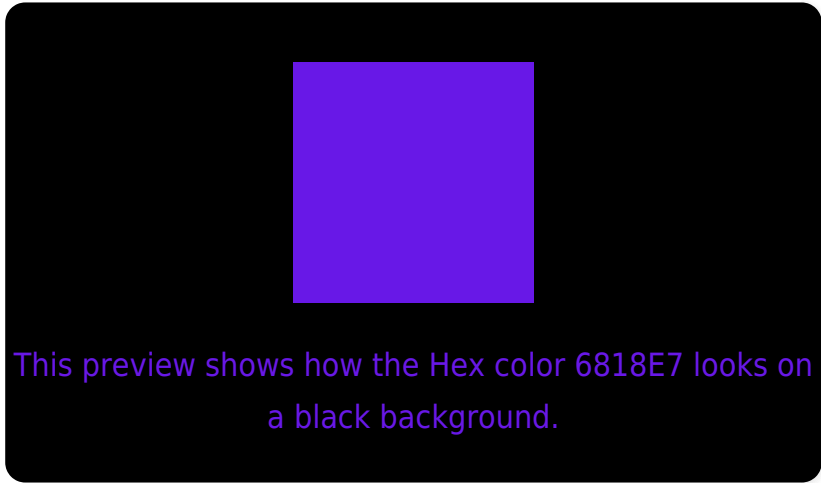
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

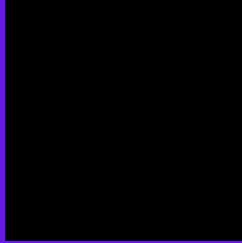
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6818E7 Background



This preview shows how black text looks on a background with the Hex color 6818E7.

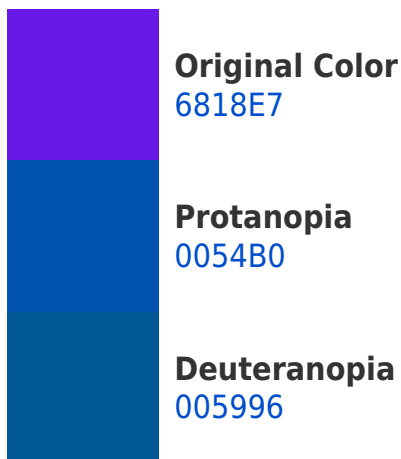



This preview shows how white text looks on a background with the Hex color 6818E7.

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
3A5C63

Trichromacy



Original Color
6818E7



Protanomaly
263EC4



Deuteranomaly
2641B3



Tritanomaly
4B4393

Monochromacy



Original Color
6818E7



Achromatopsia
484848



Achromatomaly
543782

CSS Examples

Text

The CSS property to change the color of the text to Hex 6818E7 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 #6818E7 looks like.

```
.text, #text, p{  
    color:#6818E7  
}
```

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 #6818E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6818E7
}
```

Border

The CSS property to change the border of an element to Hex 6818E7 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".

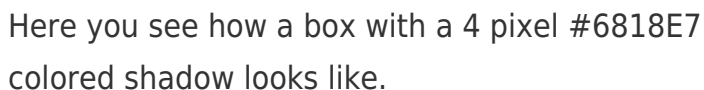
```
.border, #border, table{ border:4px solid
#6818E7 }
```

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

```
.border{ border-color:#6818E7 }
```

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

Here you see how a box with a 4 pixel #6818E7 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6818E7; -webkit-box-shadow:4px 4px  
4px 4px #6818E7; box-shadow:4px 4px 4px  
4px #6818E7 }
```

Background

The CSS property to change the background color of an element to Hex 6818E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6818E7 }
```

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

```
.background{ background-color:#6818E7 }
```

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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