

Converting Colors

Hex(4800F1)

Have a look what the booklet for
Hex(4800F1) contains.

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Color

Hex(4800F1)

Conversions

Conversions Part 1

Format	Color
Hex	4800F1
RGB	72, 0, 241
RGB Percent	28%, 0%, 95%
CMY	0.7176, 1.0000, 0.0549
CMYK	0.70, 1.00, 0.00, 0.05
HSL	258°, 100%, 47%
HSV	258°, 100%, 95%
XYZ	18.5497, 7.7286, 83.7332
YIQ	49.0020, -34.4490, 90.2150

Conversions

Conversions Part 2

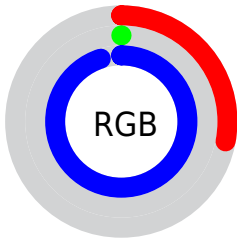
Format	Color
R _Y B	72, 0, 241
Decimal	4718833
CIE Lab	33.41, 77.05, -98.04
CIE LCh	33, 124.694, 308.162
Yxy	7.7286, 0.1686, 0.0703
Android (android.graphics.Color)	4282908913 (0xFF4800F1)
YUV	49.0020, 94.6550, 20.1692
Hunter-Lab	27.8003, 70.4528, -159.1181

Details

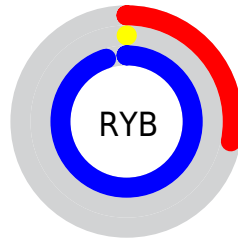
The Hex color **4800F1** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **A9F100**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **914AFF**, and **0000B7** is the 20% darker color. If you saturate the color by 10%, you get **4800F1**, and if you desaturate by 10%, it is **5918F1**.

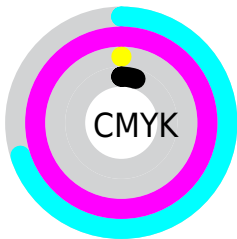
Distribution



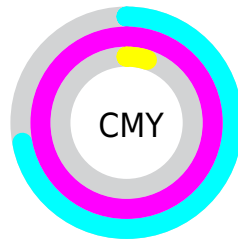
- Red (28%)
- Green (0%)
- Blue (95%)



- Red (28%)
- Yellow (0%)
- Blue (95%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (72%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4800F1 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 4800F1 by changing the saturation by 10% instead.

 4800F1

 4800F1

FFFFFF

 0100D4

 914AFF

 0000B7

 B266FF

 00009B

 D281FF

 000080

 F29DFF

 000D65

 FFBAFF

 00094C

 FFD7FF

 000535

 FFF4FF

 00021F

 000001

 4800F1

 5918F1

 6A30F1

 7B48F1

 8C60F1

 9C78F1

 AD91F1

 BEA9F1

 CFC1F1

 E0D9F1

Harmonies

Analogous

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



005CFF



4800F1



CC009B

Triad

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



4800F1



972300



006B69

Complementary

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



4800F1



A9F100

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.



006800



4800F1



485500

Square

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



4800F1



CF0000



006400



006FCB

Rectangle

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



4800F1



E5005A



006400



006A46

Sweetspot

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



4800F1



C9B3FF



00ADF1



5F5280



000000



808080

Same Dimension

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



4800F1



4C00FF



BD00F1



6F6C78



3700B8



110038

Inverse Universe

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



F100A9



FF00B3



34F100



786C74



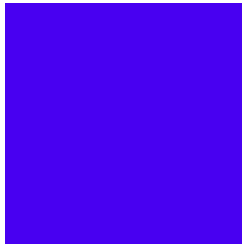
B80081



380027

Previews

White Background



This preview shows how the Hex color 4800F1 looks on a white background.

Color Contrast Check

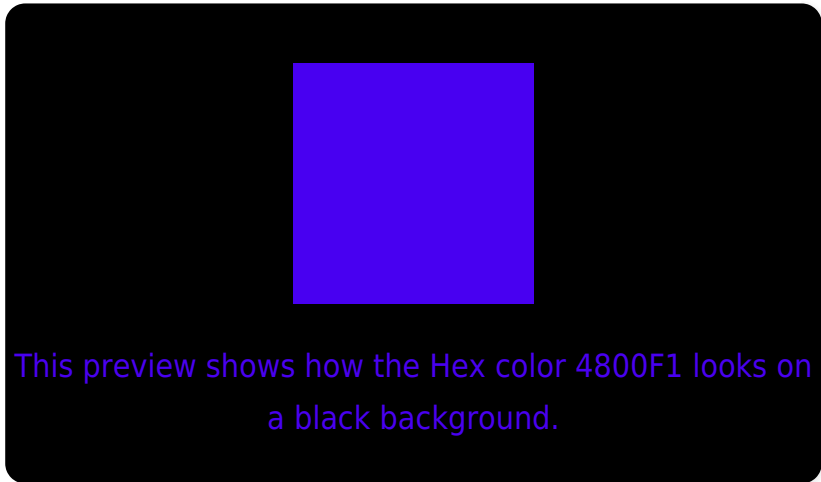
Large Text (above 18pt) WCAG AA ✓ Pass

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

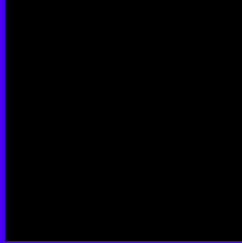
Any Text WCAG AA × Fail

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 4800F1 Background



This preview shows how black text looks on a background with the Hex color 4800F1.



This preview shows how white text looks on a background with the Hex color 4800F1.

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
4800F1

Protanopia
004DA1

Deuteranopia
005289

Trichromacy



Original Color
4800F1

Protanomaly
1A31BE

Deuteranomaly
1A34AF

Tritanomaly
1A3893

Monochromacy



Original Color
4800F1

Achromatopsia
313131

Achromatomaly
391F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 4800F1 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 #4800F1 looks like.

```
.text, #text, p{  
    color:#4800F1  
}
```

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 #4800F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4800F1
}
```

Border

The CSS property to change the border of an element to Hex 4800F1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

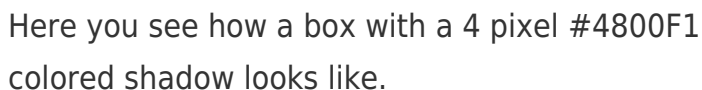
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4800F1 }
```

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

```
.border{ border-color:#4800F1 }
```

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



Here you see how a box with a 4 pixel #4800F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4800F1; -webkit-box-shadow:4px 4px  
4px 4px #4800F1; box-shadow:4px 4px 4px  
4px #4800F1 }
```

Background

The CSS property to change the background color of an element to Hex 4800F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4800F1 }
```

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

```
.background{ background-color:#4800F1 }
```

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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