

Converting Colors

Hex(5001F8)

Have a look what the booklet for
Hex(5001F8) contains.

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Color

Hex(5001F8)

Conversions

Conversions Part 1

Format	Color
Hex	5001F8
RGB	80, 1, 248
RGB Percent	31%, 0%, 97%
CMY	0.6863, 0.9961, 0.0275
CMYK	0.68, 1.00, 0.00, 0.03
HSL	259°, 99%, 49%
HSV	259°, 100%, 97%
XYZ	20.2624, 8.5045, 89.3805
YIQ	52.7790, -32.2030, 93.5650

Conversions

Conversions Part 2

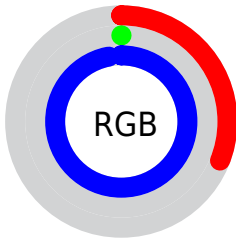
Format	Color
R_{YB}	80, 1, 248
Decimal	5243384
CIE _{Lab}	35.01, 78.81, -99.31
CIE _{LCh}	35, 126.784, 308.434
Yxy	8.5045, 0.1715, 0.0720
Android (android.graphics.Color)	4283433464 (0xFF5001F8)
YUV	52.7790, 96.2440, 23.8728
Hunter-Lab	29.1625, 72.9894, -161.3052

Details

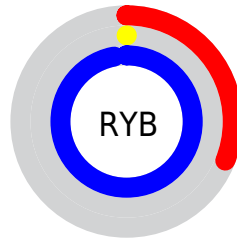
The Hex color **5001F8** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **A9F801**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **984CFF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **4F00F8**, and if you desaturate by 10%, it is **611AF8**.

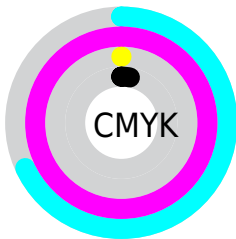
Distribution



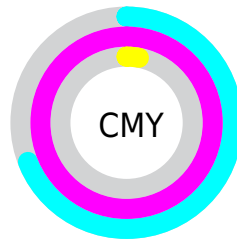
- Red (31%)
- Green (0%)
- Blue (97%)



- Red (31%)
- Yellow (0%)
- Blue (97%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (69%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5001F8 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 5001F8 by changing the saturation by 10% instead.

 5001F8

 5001F8

FFFFFF

 1900DB

 984CFF

 0000BE

 B868FF

 0000A2

 D984FF

 000086

 F9A0FF

 00086C

 FFBDFE

 000B52

 FFDAFF

 00053A

 FFF7FF

 000224

 00000B

 5001F8

 5001F8

 4F00F8

 611AF8

 7233F8

 834BF8

 9364F8

 A47DF8

 B596F8

 C6AFF8

 D7C7F8

 E8E0F8

Harmonies

Analogous

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



005FFF



5001F8



D300A0

Triad

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



5001F8



9D2700



006F6E

Complementary

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



5001F8



A9F801

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.



006D00



5001F8



4B5900

Square

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



5001F8



D60000



006800



0073D3

Rectangle

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



5001F8



ED005D



006800



006E4B

Sweetspot

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



5001F8



CBB3FF



01AAF8



605280



000000



808080

Same Dimension

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



5001F8



5200FF



CB01F8



74707D



3C00BD



14003D

Inverse Universe

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



F801A9



FF00AD



2EF801



7D7079



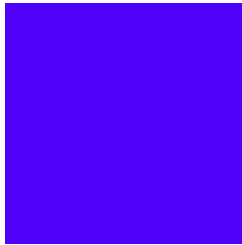
BD0080



3D002A

Previews

White Background



This preview shows how the Hex color 5001F8 looks on a white background.

Color Contrast Check

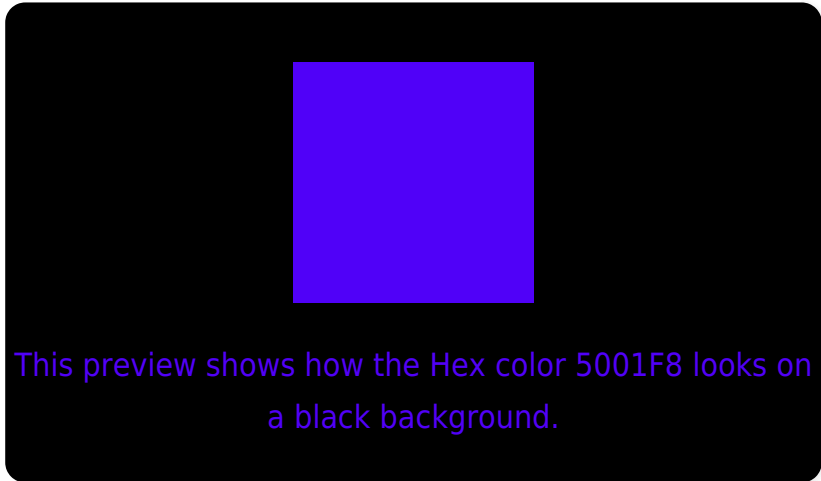
Large Text (above 18pt) WCAG AA ✓ Pass

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

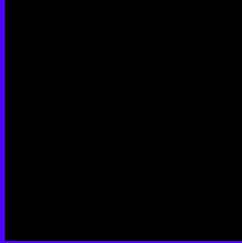
Any Text WCAG AA × Fail

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 5001F8 Background



This preview shows how black text looks on a background with the Hex color 5001F8.



This preview shows how white text looks on a background with the Hex color 5001F8.

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
5001F8

Protanopia
0050A9

Deuteranopia
00568F



Tritanopia
005C62

Trichromacy



Original Color
5001F8

Protanomaly
1D33C6

Deuteranomaly
1D37B5

Tritanomaly
1D3B99

Monochromacy



Original Color
5001F8

Achromatopsia
353535

Achromatomaly
3F227C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5001F8 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 #5001F8 looks like.

```
.text, #text, p{  
    color:#5001F8  
}
```

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 #5001F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5001F8
}
```

Border

The CSS property to change the border of an element to Hex 5001F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

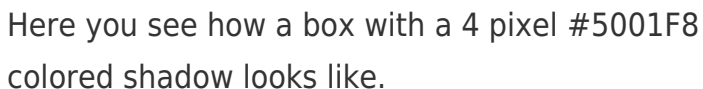
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5001F8 }
```

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

```
.border{ border-color:#5001F8 }
```

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



Here you see how a box with a 4 pixel #5001F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5001F8; -webkit-box-shadow:4px 4px  
4px 4px #5001F8; box-shadow:4px 4px 4px  
4px #5001F8 }
```

Background

The CSS property to change the background color of an element to Hex 5001F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5001F8 }
```

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

```
.background{ background-color:#5001F8 }
```

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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