

Converting Colors

Hex(5000F2)

Have a look what the booklet for
Hex(5000F2) contains.

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Color

Hex(5000F2)

Conversions

Conversions Part 1

Format	Color
Hex	5000F2
RGB	80, 0, 242
RGB Percent	31%, 0%, 95%
CMY	0.6863, 1.0000, 0.0510
CMYK	0.67, 1.00, 0.00, 0.05
HSL	260°, 100%, 47%
HSV	260°, 100%, 95%
XYZ	19.3353, 8.1163, 84.5519
YIQ	51.5080, -30.0020, 92.2220

Conversions

Conversions Part 2

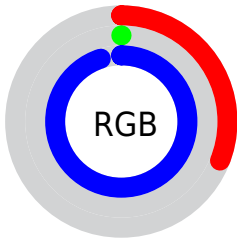
Format	Color
RYB	80, 0, 242
Decimal	5243122
CIELab	34.22, 77.58, -97.24
CIELCh	34, 124.394, 308.585
Yxy	8.1163, 0.1726, 0.0725
Android (android.graphics.Color)	4283433202 (0xFF5000F2)
YUV	51.5080, 93.9126, 24.9875
Hunter-Lab	28.4891, 71.2904, -156.0227

Details

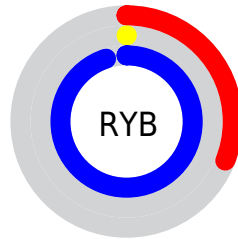
The Hex color **5000F2** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **A2F200**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **974BFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **5000F2**, and if you desaturate by 10%, it is **6018F2**.

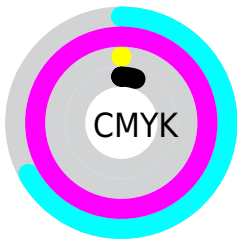
Distribution



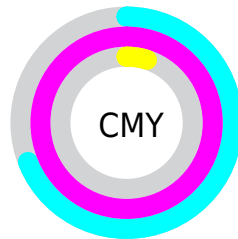
- Red (31%)
- Green (0%)
- Blue (95%)



- Red (31%)
- Yellow (0%)
- Blue (95%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (69%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5000F2 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 5000F2 by changing the saturation by 10% instead.

 5000F2

 5000F2

FFFFFF

 1C00D5

 974BFF

 0000B8

 B767FF

 00009C

 D783FF

 000081

 F79FFF

 000A66

 FFBBFF

 000A4D

 FFD8FF

 000535

 FFF6FF

 00021F


 000003

 500F2

 6018F2

 7030F2

 8149F2

 9161F2

 A179F2

 B191F2

 C1A9F2

 D2C2F2

 E2DAF2

Harmonies

Analogous

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



005DFF



5000F2



CF009B

Triad

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



5000F2



992700



006D6C

Complementary

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



5000F2



A2F200

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.



006A00



5000F2



495700

Square

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



5000F2



D10000



006600



0071CF

Rectangle

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



5000F2



E7005B



006600



006C4A

Sweetspot

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



5000F2



CCB3FF



00A5F2



615280



000000



808080

Same Dimension

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



5000F2



5400FF



C600F2



706C78



3D00B8



130038

Inverse Universe

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



F200A2



FF00AB



2CF200



786C74



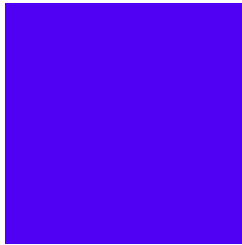
B8007B



380026

Previews

White Background



This preview shows how the Hex color 5000F2 looks on a white background.

Color Contrast Check

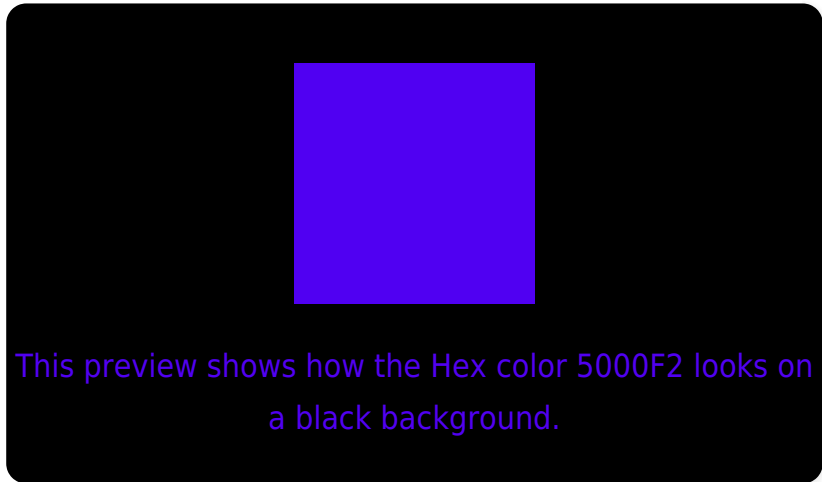
Large Text (above 18pt) WCAG AA ✓ Pass

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

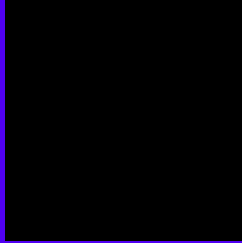
Any Text WCAG AA × Fail

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 5000F2 Background



This preview shows how black text looks on a background with the Hex color 5000F2.



This preview shows how white text looks on a background with the Hex color 5000F2.

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
5000F2

Protanopia
004FA5

Deuteranopia
00548D



Tritanopia
005B60

Trichromacy



Original Color
5000F2

Protanomaly
1D32C1

Deuteranomaly
1D35B2

Tritanomaly
1D3A95

Monochromacy



Original Color
5000F2

Achromatopsia
343434

Achromatomaly
3E2179

CSS Examples

Text

The CSS property to change the color of the text to Hex 5000F2 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 #5000F2 looks like.

```
.text, #text, p{  
    color:#5000F2  
}
```

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 #5000F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5000F2
}
```

Border

The CSS property to change the border of an element to Hex 5000F2 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".

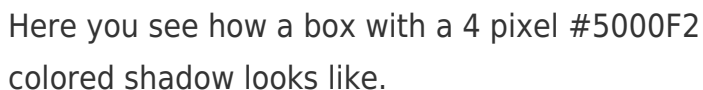
```
.border, #border, table{ border:4px solid
#5000F2 }
```

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

```
.border{ border-color:#5000F2 }
```

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

Here you see how a box with a 4 pixel #5000F2 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 #5000F2; -webkit-box-shadow:4px 4px  
4px 4px #5000F2; box-shadow:4px 4px 4px  
4px #5000F2 }
```

Background

The CSS property to change the background color of an element to Hex 5000F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5000F2 }
```

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

```
.background{ background-color:#5000F2 }
```

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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