

# Converting Colors

Hex(6005F2)

Have a look what the booklet for  
Hex(6005F2) contains.

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# Color

**Hex(6005F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6005F2
RGB	96, 5, 242
RGB Percent	38%, 2%, 95%
CMY	0.6235, 0.9804, 0.0510
CMYK	0.60, 0.98, 0.00, 0.05
HSL	263°, 96%, 48%
HSV	263°, 98%, 95%
XYZ	20.9052, 9.0061, 84.6409
YIQ	59.2270, -21.8410, 92.9990

# Conversions

## Conversions Part 2

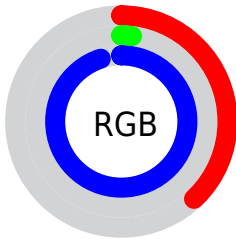
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 5, 242
Decimal	6292978
CIE Lab	36.00, 77.69, -94.25
CIE LCh	36, 122.143, 309.501
Yxy	9.0061, 0.1825, 0.0786
Android (android.graphics.Color)	4284483058 (0xFF6005F2)
YUV	59.2270, 90.1071, 32.2499
Hunter-Lab	30.0102, 71.8253, -146.2145

# Details

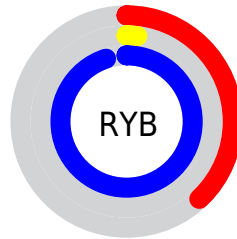
The Hex color **6005F2** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **97F205**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A34EFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **5D00F2**, and if you desaturate by 10%, it is **6F1DF2**.

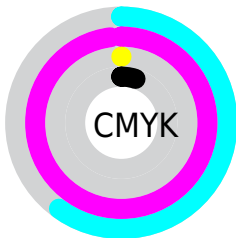
# Distribution



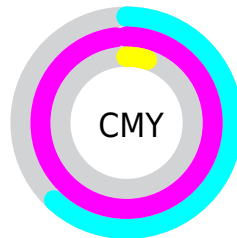
- Red (38%)
- Green (2%)
- Blue (95%)



- Red (38%)
- Yellow (2%)
- Blue (95%)



- Cyan (60%)
- Magenta (98%)
- Yellow (0%)
- Black (5%)



- Cyan (62%)
- Magenta (98%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6005F2 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 6005F2 by changing the saturation by 10% instead.



 6005F2

 6005F2

FFFFFF

 3800D5

 A34EFF

 0000B8


 C36BFF

 00009C

 E287FF

 000081

 FFA3FF

 000467

 FFC0FF

 000A4D

 FFDDFF

 000536

 FFFAFF

 00021F

 000003

■ 6005F2

■ 6005F2

■ 5D00F2

■ 6F1DF2

■ 7E35F2

■ 8D4EF2

■ 9C66F2

■ AB7EF2

■ B996F2

■ C8AEF2

■ D7C7F2

■ E6DFF2

# Harmonies

## Analogous

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



005FFF



6005F2



D4009C

# Triad

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



6005F2



9B2F00



007273

# Complementary

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



6005F2



97F205

# 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.



006F00



6005F2



4B5C00

# Square

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



6005F2



D40000



006B00



0075D4

# Rectangle

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



6005F2



EB005C



006B00



007151



# Sweetspot

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



6005F2



D1B5FF



0597F2



645380



000000



808080



# Same Dimension

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



6005F2



6200FF



D605F2



706C78



4600B8



160038



# Inverse Universe

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



F20597



FF009D



21F205



786C73



B80071

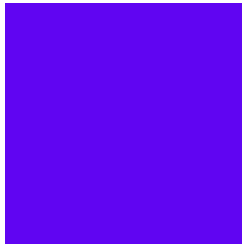


380023



# Previews

## White Background



This preview shows how the Hex color 6005F2 looks on a white background.

## Color Contrast Check

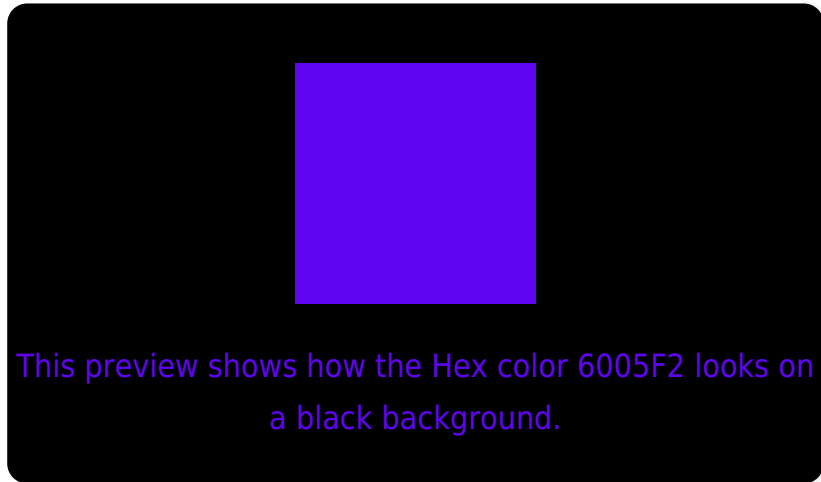
Large Text (above 18pt) WCAG AA ✓ Pass

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

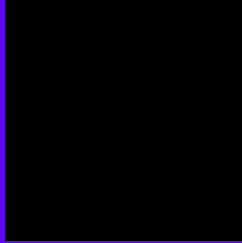
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6005F2 Background



This preview shows how black text looks on a background with the Hex color 6005F2.



This preview shows how white text looks on a background with the Hex color 6005F2.

# 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**  
6005F2

**Protanopia**  
0053AD

**Deuteranopia**  
005894



**Tritanopia**  
195E66

# Trichromacy



**Original Color**  
6005F2



**Protanomaly**  
2337C6



**Deuteranomaly**  
233AB6



**Tritanomaly**  
333E99

# Monochromacy



**Original Color**  
6005F2



**Achromatopsia**  
3B3B3B



**Achromatomaly**  
48277E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6005F2 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 #6005F2 looks like.

```
.text, #text, p{  
    color:#6005F2  
}
```

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 #6005F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6005F2
}
```

## Border

The CSS property to change the border of an element to Hex 6005F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

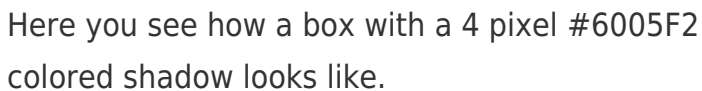
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6005F2 }
```

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

```
.border{ border-color:#6005F2 }
```

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



Here you see how a box with a 4 pixel #6005F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6005F2; -webkit-box-shadow:4px 4px  
4px 4px #6005F2; box-shadow:4px 4px 4px  
4px #6005F2 }
```

# Background

The CSS property to change the background color of an element to Hex 6005F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6005F2 }
```

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

```
.background{ background-color:#6005F2 }
```

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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