

# Converting Colors

Hex(6A00F0)

Have a look what the booklet for  
Hex(6A00F0) contains.

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**Color**

**Hex(6A00F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A00F0
RGB	106, 0, 240
RGB Percent	42%, 0%, 94%
CMY	0.5843, 1.0000, 0.0588
CMYK	0.56, 1.00, 0.00, 0.06
HSL	266°, 100%, 47%
HSV	266°, 100%, 94%
XYZ	21.6720, 9.3554, 83.1016
YIQ	59.0540, -13.8640, 97.1120

# Conversions

## Conversions Part 2

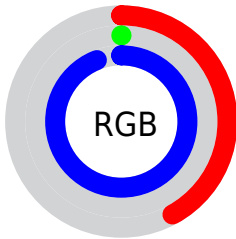
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 0, 240
Decimal	6947056
CIE <sub>Lab</sub>	36.66, 78.48, -91.98
CIE <sub>LCh</sub>	37, 120.911, 310.472
Yxy	9.3554, 0.1899, 0.0820
Android (android.graphics.Color)	4285137136 (0xFF6A00F0)
YUV	59.0540, 89.2064, 41.1716
Hunter-Lab	30.5867, 72.9486, -139.6757

# Details

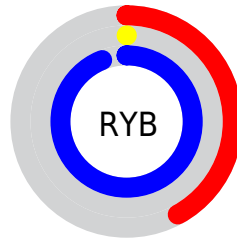
The Hex color **6A00F0** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **86F000**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **AB4EFF**, and **0D00B6** is the 20% darker color. If you saturate the color by 10%, you get **6A00F0**, and if you desaturate by 10%, it is **7718F0**.

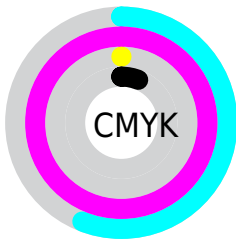
# Distribution



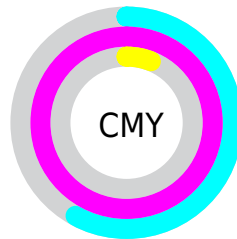
- Red (42%)
- Green (0%)
- Blue (94%)



- Red (42%)
- Yellow (0%)
- Blue (94%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (58%)
- Magenta (100%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A00F0 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 6A00F0 by changing the saturation by 10% instead.



 6A00F0

 6A00F0

FFFFFF

 4600D3

 AB4EFF

 0D00B6

 CA6BFF

 00009A

 EA87FF

 00007F

 FFA3FF

 000065

 FFC0FF

 00094C

 FFD0FF

 000434

 FFFBFF

 00021E

 000000

 6A00F0

 7718F0

 8530F0

 9248F0

 A060F0

 AD78F0

 BA90F0

 C8A8F0

 D5C0F0

 E3D8F0

# Harmonies

## Analogous

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



005FFF



6A00F0



D7009A

# Triad

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



6A00F0



9B3400



007478

# Complementary

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



6A00F0



86F000

# 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.



007100



6A00F0



4A5E00

# Square

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



6A00F0



D40000



006C00



0077D7

# Rectangle

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



6A00F0



ED005A



006C00



007356



# Sweetspot

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



6A00F0



D4B3FF



0088F0



665280



000000



808080



# Same Dimension

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



6A00F0



7100FF



E000F0



716C78



5100B8



190038



# Inverse Universe

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



F00086



FF008E



10F000



786C73



B80067

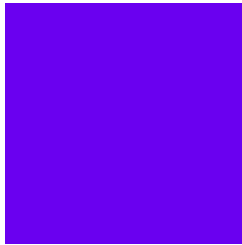


38001F



# Previews

## White Background



This preview shows how the Hex color 6A00F0 looks on a white background.

## Color Contrast Check

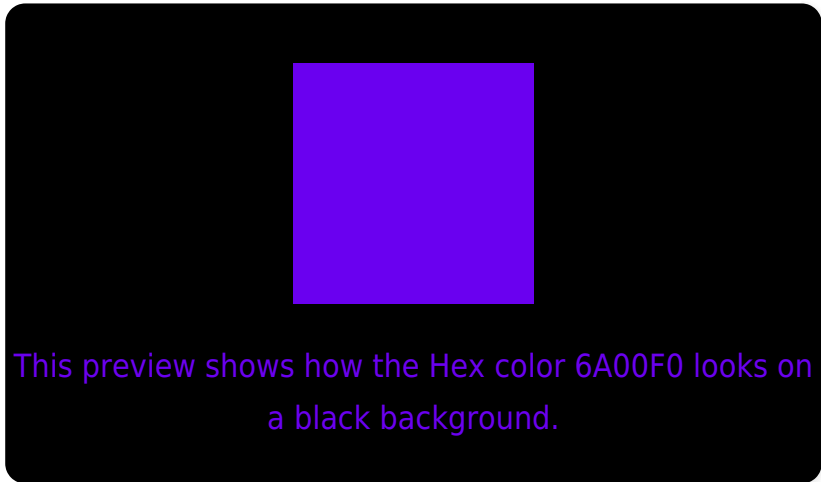
Large Text (above 18pt) WCAG AA ✓ Pass

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

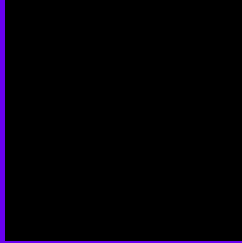
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A00F0 Background



This preview shows how black text looks on a background with the Hex color 6A00F0.



This preview shows how white text looks on a background with the Hex color 6A00F0.

# 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**  
6A00F0

**Protanopia**  
0055B2

**Deuteranopia**  
005A98



**Tritanopia**  
385D65

# Trichromacy



**Original Color**  
6A00F0



**Protanomaly**  
2736C9



**Deuteranomaly**  
2739B8



**Tritanomaly**  
4A3B98

# Monochromacy



**Original Color**  
6A00F0



**Achromatopsia**  
3B3B3B



**Achromatomaly**  
4C267D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A00F0 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 #6A00F0 looks like.

```
.text, #text, p{  
    color:#6A00F0  
}
```

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 #6A00F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A00F0
}
```

## Border

The CSS property to change the border of an element to Hex 6A00F0 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".

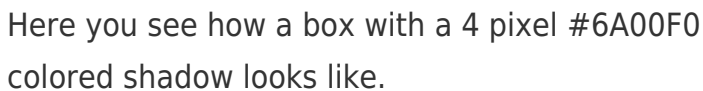
```
.border, #border, table{ border:4px solid
#6A00F0 }
```

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

```
.border{ border-color:#6A00F0 }
```

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

Here you see how a box with a 4 pixel #6A00F0 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 #6A00F0; -webkit-box-shadow:4px 4px  
4px 4px #6A00F0; box-shadow:4px 4px 4px  
4px #6A00F0 }
```

# Background

The CSS property to change the background color of an element to Hex 6A00F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A00F0 }
```

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

```
.background{ background-color:#6A00F0 }
```

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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