

# Converting Colors

Hex(5F00FF)

Have a look what the booklet for  
Hex(5F00FF) contains.

<b>Hex(5F00FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**Hex(5F00FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F00FF
RGB	95, 0, 255
RGB Percent	37%, 0%, 100%
CMY	0.6275, 1.0000, 0.0000
CMYK	0.63, 1.00, 0.00, 0.00
HSL	262°, 100%, 50%
HSV	262°, 100%, 100%
XYZ	22.7693, 9.6529, 95.2709
YIQ	57.4750, -25.2350, 99.4450

# Conversions

## Conversions Part 2

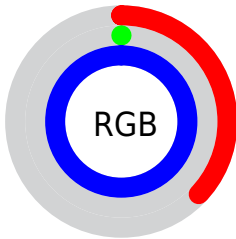
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 0, 255
Decimal	6226175
CIE <sub>Lab</sub>	37.21, 81.17, -99.55
CIE <sub>LCh</sub>	37, 128.445, 309.194
Yxy	9.6529, 0.1783, 0.0756
Android (android.graphics.Color)	4284416255 (0xFF5F00FF)
YUV	57.4750, 97.3798, 32.9094
Hunter-Lab	31.0691, 76.4446, -160.0595

# Details

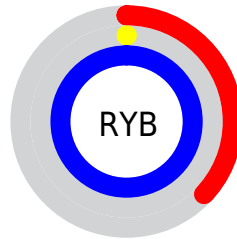
The Hex color **5F00FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **A0FF00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A44EFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **5F00FF**, and if you desaturate by 10%, it is **6F19FF**.

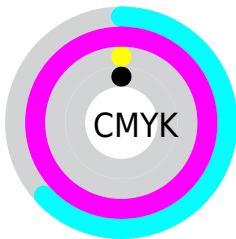
# Distribution



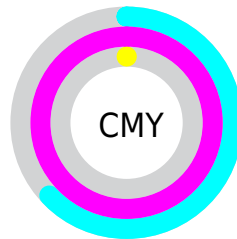
- Red (37%)
- Green (0%)
- Blue (100%)



- Red (37%)
- Yellow (0%)
- Blue (100%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F00FF 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 5F00FF by changing the saturation by 10% instead.



 5F00FF

 5F00FF

FFFFFF

 3400E1

 A44EFF

 0000C4

 C56BFF

 0000A8

 E587FF

 00008D

 FFA4FF

 000172

 FFC0FF

 000C58

 FFDEFF

 000740

 FFFBFF

 000329

 000113

 5F00FF

 6F19FF

 7F33FF

 8F4DFF

 9F66FF

 AF80FF

 BF99FF

 CFB3FF

 DFCCFF

 EFE6FF

# Harmonies

## Analogous

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



0063FF



5F00FF



DE00A4

# Triad

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



5F00FF



A32F00



007677

# Complementary

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



5F00FF



A0FF00

# 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.



007300



5F00FF



4E5F00

# Square

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



5F00FF



DE0000



006E00



007ADD

# Rectangle

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



5F00FF



F60060



006E00



007552



# Sweetspot

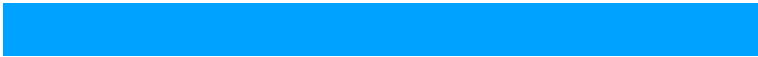
The Sweet Spot groups the original color and five complimentary colors.



5F00FF



CFB3FF



00A2FF



635280



000000



808080



# Same Dimension

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



5F00FF



DD00FF



787380



4700BF



180040

# Inverse Universe

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



FF00A0



22FF00



80737B



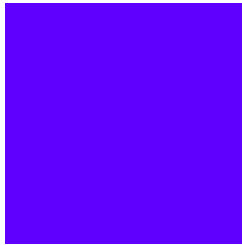
BF0078



400028

# Previews

## White Background



This preview shows how the Hex color 5F00FF looks on a white background.

## Color Contrast Check

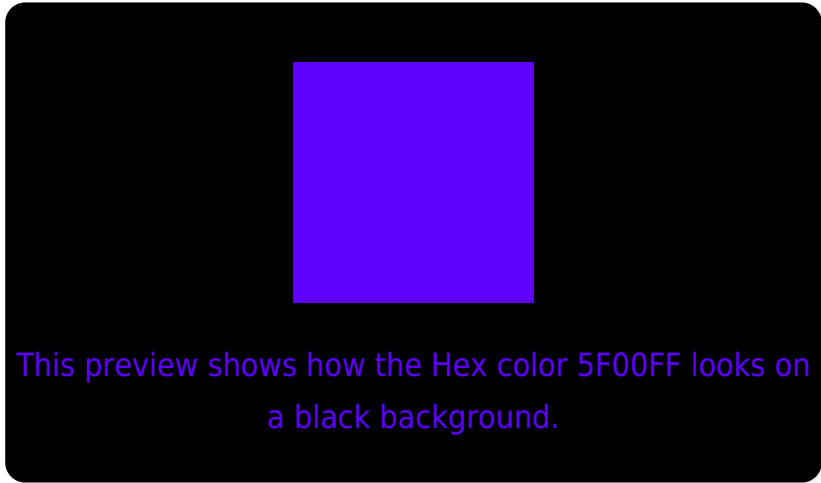
Large Text (above 18pt) WCAG AA ✓ Pass

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

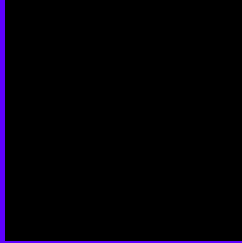
Any Text WCAG AA × Fail

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 5F00FF Background



This preview shows how black text looks on a background with the Hex color 5F00FF.



This preview shows how white text looks on a background with the Hex color 5F00FF.

# 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







**Tritanopia**  
00626A

# Trichromacy



**Original Color**

5F00FF



**Protanomaly**

2336CF



**Deuteranomaly**

233ABE



**Tritanomaly**

233EAO

# Monochromacy



**Original Color**

5F00FF



**Achromatopsia**

393939



**Achromatomaly**

472481

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F00FF 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 #5F00FF looks like.

```
.text, #text, p{  
    color:#5F00FF  
}
```

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 #5F00FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F00FF
}
```

## Border

The CSS property to change the border of an element to Hex 5F00FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

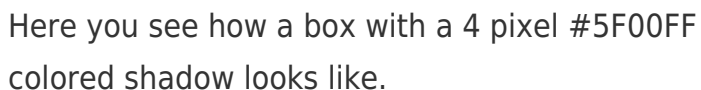
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F00FF }
```

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

```
.border{ border-color:#5F00FF }
```

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



Here you see how a box with a 4 pixel #5F00FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F00FF; -webkit-box-shadow:4px 4px  
4px 4px #5F00FF; box-shadow:4px 4px 4px  
4px #5F00FF }
```

# Background

The CSS property to change the background color of an element to Hex 5F00FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F00FF }
```

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

```
.background{ background-color:#5F00FF }
```

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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