

# Converting Colors

Hex(5E15F0)

Have a look what the booklet for  
Hex(5E15F0) contains.

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# Color

**Hex(5E15F0)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 5E15F0                     |
| RGB           | 94, 21, 240                |
| RGB Percent   | 37%, 8%, 94%               |
| CMY           | 0.6314, 0.9176, 0.0588     |
| CMYK          | 0.61, 0.91, 0.00, 0.06     |
| HSL           | 260°, 88%, 51%             |
| HSV           | 260°, 91%, 94%             |
| XYZ           | 20.6124, 9.2073, 83.1289   |
| YIQ           | 67.7930, -26.7910, 83.5850 |

# Conversions

## Conversions Part 2

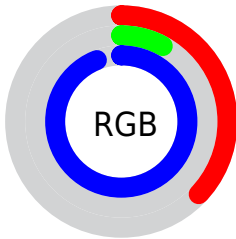
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 94, 21, 240                    |
| Decimal                             | 6166000                        |
| CIE Lab                             | 36.38, 74.62, -92.48           |
| CIE LCh                             | 36, 118.834, 308.900           |
| Yxy                                 | 9.2073, 0.1825,<br>0.0815      |
| Android<br>(android.graphics.Color) | 4284356080<br>(0xFF5E15F0)     |
| YUV                                 | 67.7930, 84.8981,<br>22.9835   |
| Hunter-Lab                          | 30.3435, 68.1544,<br>-141.1900 |

# Details

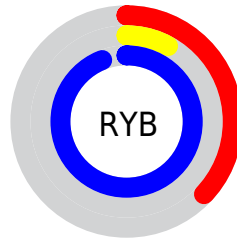
The Hex color **5E15F0** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **A7F015**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A154FF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **5000F0**, and if you desaturate by 10%, it is **6E2DF0**.

# Distribution



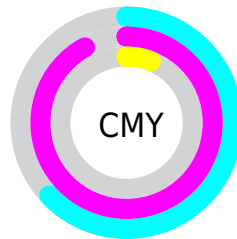
- Red (37%)
- Green (8%)
- Blue (94%)



- Red (37%)
- Yellow (8%)
- Blue (94%)



- Cyan (61%)
- Magenta (91%)
- Yellow (0%)
- Black (6%)



- Cyan (63%)
- Magenta (92%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E15F0 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 5E15F0 by changing the saturation by 10% instead.



 5E15F0

 5E15F0

FFFFFF

 3600D3

 A154FF

 0000B6

 C06FFF

 00009A

 E08BFF

 00007F

 FFA7FF

 000465

 FFC4FF

 00094C

 FFE1FF

 000434

FFFEFF

 00021E

 000000

 5E15F0

 5E15F0

 5000F0

 6E2DF0

 7E45F0

 8E5DF0

 9E75F0

 AE8DF0

 BEA5F0

 CEBDF0

 DED5F0

 EEEDF0

# Harmonies

## Analogous

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



0060FF



5E15F0



D1009D

# Triad

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



5E15F0



9D3000



007371

# Complementary

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



5E15F0



A7F015

# 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.



007000



5E15F0



4F5C00

# Square

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



5E15F0



D30000



006B00



0076D0

# Rectangle

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



5E15F0



E9005E



006B00



007250



# Sweetspot

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



5E15F0



D1BAFF



15A7F0



645780



000000



808080



# Same Dimension

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



5E15F0



5500FF



CC15F0



706C78



3D00B8



130038



# Inverse Universe

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



F015A7



FF00AA



39F015



786C74



B8007A

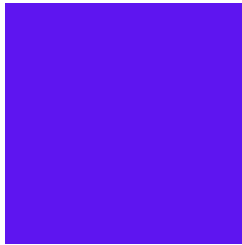


380025



# Previews

## White Background



This preview shows how the Hex color 5E15F0 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

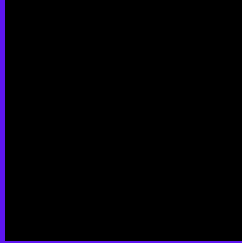
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E15F0 Background



This preview shows how black text looks on a background with the Hex color 5E15F0.



This preview shows how white text looks on a background with the Hex color 5E15F0.

# 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**  
135F66

# Trichromacy



**Original Color**  
5E15F0



**Protanomaly**  
223CC6



**Deuteranomaly**  
2240B5



**Tritanomaly**  
2E4498

# Monochromacy



**Original Color**  
5E15F0



**Achromatopsia**  
444444



**Achromatomaly**  
4D3383

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E15F0 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 #5E15F0 looks like.

```
.text, #text, p{  
    color:#5E15F0  
}
```

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 #5E15F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E15F0
}
```

## Border

The CSS property to change the border of an element to Hex 5E15F0 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
#5E15F0 }
```

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

```
.border{ border-color:#5E15F0 }
```

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

Here you see how a box with a 4 pixel #5E15F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E15F0; -webkit-box-shadow:4px 4px  
4px 4px #5E15F0; box-shadow:4px 4px 4px  
4px #5E15F0 }
```

# Background

The CSS property to change the background color of an element to Hex 5E15F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E15F0 }
```

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

```
.background{ background-color:#5E15F0 }
```

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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