

# Converting Colors

Hex(5E21FF)

Have a look what the booklet for  
Hex(5E21FF) contains.

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# Color

**Hex(5E21FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E21FF
RGB	94, 33, 255
RGB Percent	37%, 13%, 100%
CMY	0.6314, 0.8706, 0.0000
CMYK	0.63, 0.87, 0.00, 0.00
HSL	256°, 100%, 56%
HSV	256°, 87%, 100%
XYZ	23.2099, 10.6874, 95.4473
YIQ	76.5470, -34.9060, 81.9740

# Conversions

## Conversions Part 2

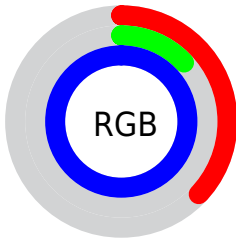
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 33, 255
Decimal	6169087
CIELab	39.05, 75.24, -96.50
CIElCh	39, 122.366, 307.945
Yxy	10.6874, 0.1794, 0.0826
Android (android.graphics.Color)	4284359167 (0xFF5E21FF)
YUV	76.5470, 87.9773, 15.3063
Hunter-Lab	32.6916, 69.5189, -150.2207

# Details

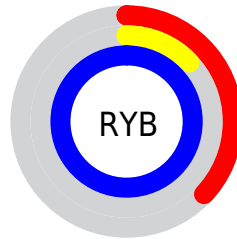
The Hex color **5E21FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **C2FF21**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A25CFF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **4C08FF**, and if you desaturate by 10%, it is **703AFF**.

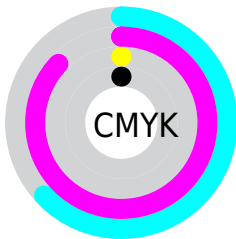
# Distribution



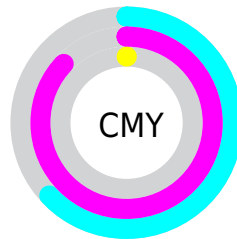
- Red (37%)
- Green (13%)
- Blue (100%)



- Red (37%)
- Yellow (13%)
- Blue (100%)



- Cyan (63%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (87%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E21FF 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 5E21FF by changing the saturation by 10% instead.



 5E21FF

 5E21FF

FFFFFF

 3300E1

 A25CFF

 0000C5

 C377FF

 0000A8

 E393FF

 00008D

 FFAFFF

 000072

 FFC0FF

 000C58

 FFE9FF

 000740

 000329

 000113

 5E21FF

 5E21FF

 4C08FF

 703AFF

 4600FF

 8354FF

 956DFF

 A887FF

 BAA1FF

 CDBAFF

 DFD3FF

 F2EDFF

FFFFFF

# Harmonies

## Analogous

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



0067FF



5E21FF



DB00A9

# Triad

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



5E21FF



A93300



007B76

# Complementary

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



5E21FF



C2FF21

# 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.



007800



5E21FF



596200

# Square

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



5E21FF



E10000



007200



007ED8

# Rectangle

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



5E21FF



F50068



007200



007A53



# Sweetspot

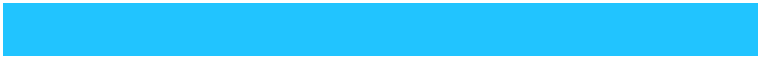
The Sweet Spot groups the original color and five complimentary colors.



5E21FF



CFBDFE



21C4FF



635880



000000



808080



# Same Dimension

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



5E21FF



4600FF



CB21FF



767380



3500BF



120040



# Inverse Universe

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



FF21C2



FF00B9



55FF21



80737C



BF008B

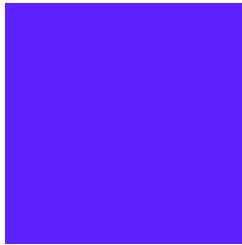


40002E



# Previews

## White Background



This preview shows how the Hex color 5E21FF 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

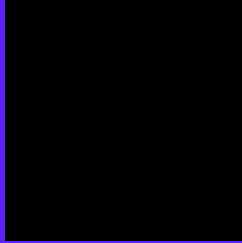
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E21FF Background



This preview shows how black text looks on a background with the Hex color 5E21FF.



This preview shows how white text looks on a background with the Hex color 5E21FF.

# Color Blindness Simulation

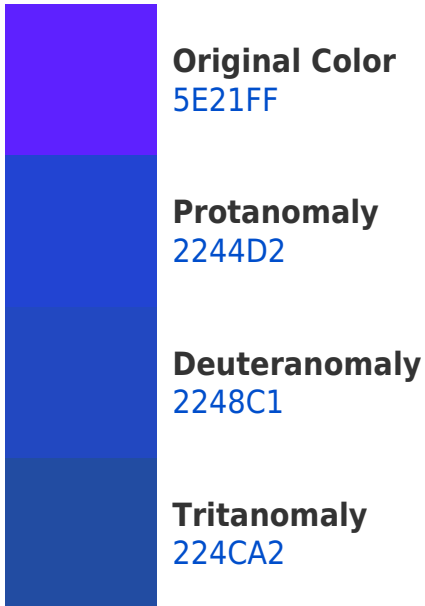
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

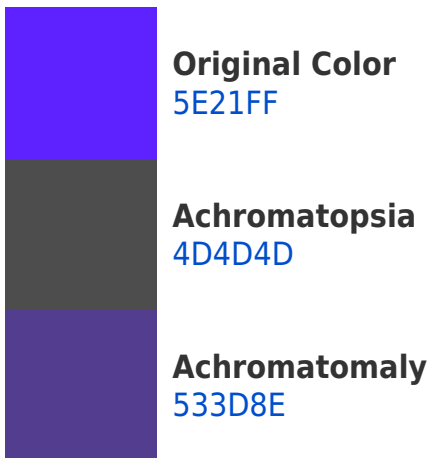




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E21FF 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 #5E21FF looks like.

```
.text, #text, p{  
    color:#5E21FF  
}
```

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 #5E21FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E21FF
}
```

## Border

The CSS property to change the border of an element to Hex 5E21FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

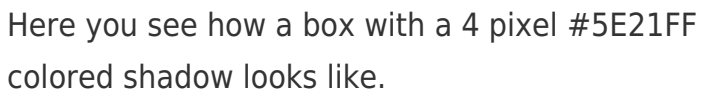
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E21FF }
```

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

```
.border{ border-color:#5E21FF }
```

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



Here you see how a box with a 4 pixel #5E21FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E21FF; -webkit-box-shadow:4px 4px  
4px 4px #5E21FF; box-shadow:4px 4px 4px  
4px #5E21FF }
```

# Background

The CSS property to change the background color of an element to Hex 5E21FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E21FF }
```

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

```
.background{ background-color:#5E21FF }
```

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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