

# Converting Colors

Hex(5A21CB)

Have a look what the booklet for  
Hex(5A21CB) contains.

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# Color

**Hex(5A21CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A21CB
RGB	90, 33, 203
RGB Percent	35%, 13%, 80%
CMY	0.6471, 0.8706, 0.2039
CMYK	0.56, 0.84, 0.00, 0.20
HSL	260°, 72%, 46%
HSV	260°, 84%, 80%
XYZ	15.5398, 7.5732, 57.1426
YIQ	69.4230, -20.5980, 64.9540

# Conversions

## Conversions Part 2

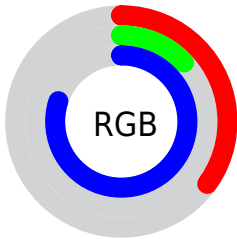
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 33, 203
Decimal	5906891
CIE <sub>Lab</sub>	33.08, 61.86, -76.71
CIE <sub>LCh</sub>	33, 98.544, 308.886
Yxy	7.5732, 0.1936, 0.0944
Android (android.graphics.Color)	4284096971 (0xFF5A21CB)
YUV	69.4230, 65.8535, 18.0460
Hunter-Lab	27.5194, 52.6374, -103.8491

# Details

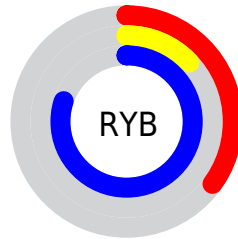
The Hex color **5A21CB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark muted blue. A complement of this color would be **92CB21**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **9857FF**, and **000093** is the 20% darker color. If you saturate the color by 10%, you get **4D0DCB**, and if you desaturate by 10%, it is **6735CB**.

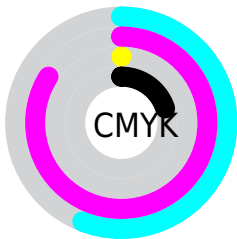
# Distribution



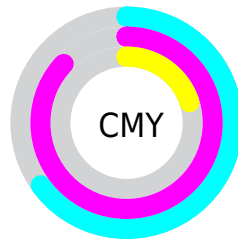
- Red (35%)
- Green (13%)
- Blue (80%)



- Red (35%)
- Yellow (13%)
- Blue (80%)



- Cyan (56%)
- Magenta (84%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (87%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A21CB 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 5A21CB by changing the saturation by 10% instead.



■ 5A21CB

■ 5A21CB

FFFFFF

■ 3800AF

■ 9857FF

■ 000093

■ B672FF

■ 000079

■ D48DFF

■ 00005F

■ F3A8FF

■ 000846

■ FFC4FF

■ 00042F

■ FFE1FF

■ 000119

FFFEFF

■ 000000

■ 5A21CB

■ 5A21CB

■ 4D0DCB

■ 6735CB

■ 4400CB

■ 754ACB

■ 825ECB

■ 9072CB

■ 9D87CB

■ AB9BCB

■ B8AFCB

■ C6C3CB

■ D3D8CB

# Harmonies

## Analogous

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



0055EE



5A21CB



B40088

# Triad

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



5A21CB



8A3100



006764

# Complementary

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



5A21CB



92CB21

# 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.



006508



5A21CB



4B5300

# Square

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



5A21CB



B70000



006000



0069B1

# Rectangle

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



5A21CB



C70055



006000



006749



# Sweetspot

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



5A21CB



D5BFFF



2192CB



665980



000000



808080



# Same Dimension

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



5A21CB



5500FF



AF21CB



5F5C66



3800A6



0D0026



# Inverse Universe

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



CB2192



FF00A9



3DCB21



665C63



A6006E

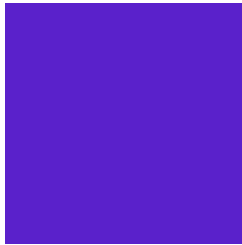


260019



# Previews

## White Background



This preview shows how the Hex color 5A21CB 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

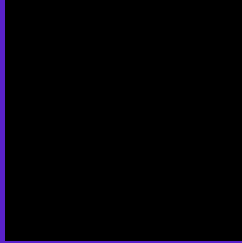
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A21CB Background



This preview shows how black text looks on a background with the Hex color 5A21CB.

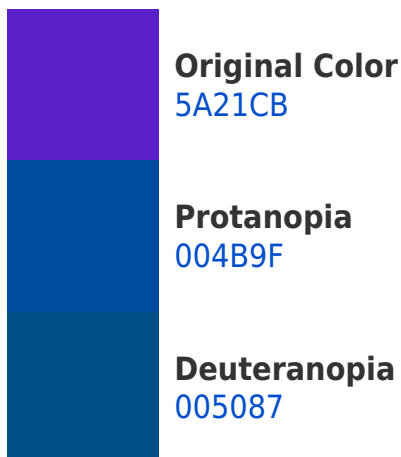


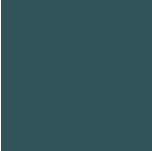
This preview shows how white text looks on a background with the Hex color 5A21CB.

# 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**  
31535A

# Trichromacy



**Original Color**  
5A21CB



**Protanomaly**  
213CAF



**Deuteranomaly**  
213FA0



**Tritanomaly**  
404183

# Monochromacy



**Original Color**  
5A21CB



**Achromatopsia**  
454545



**Achromatomaly**  
4D3876

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A21CB 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 #5A21CB looks like.

```
.text, #text, p{  
    color:#5A21CB  
}
```

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 #5A21CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A21CB
}
```

## Border

The CSS property to change the border of an element to Hex 5A21CB 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
#5A21CB }
```

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

```
.border{ border-color:#5A21CB }
```

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

Here you see how a box with a 4 pixel #5A21CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A21CB; -webkit-box-shadow:4px 4px  
4px 4px #5A21CB; box-shadow:4px 4px 4px  
4px #5A21CB }
```

# Background

The CSS property to change the background color of an element to Hex 5A21CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A21CB }
```

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

```
.background{ background-color:#5A21CB }
```

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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