

# Converting Colors

Hex(5A20CE)

Have a look what the booklet for  
Hex(5A20CE) contains.

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# Color

**Hex(5A20CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A20CE
RGB	90, 32, 206
RGB Percent	35%, 13%, 81%
CMY	0.6471, 0.8745, 0.1922
CMYK	0.56, 0.84, 0.00, 0.19
HSL	260°, 73%, 47%
HSV	260°, 84%, 81%
XYZ	15.8735, 7.6629, 59.0350
YIQ	69.1780, -21.2860, 66.4100

# Conversions

## Conversions Part 2

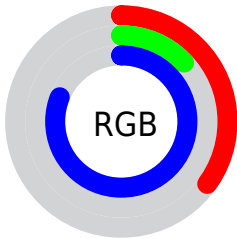
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 32, 206
Decimal	5906638
CIE <sub>Lab</sub>	33.27, 62.97, -78.14
CIE <sub>LCh</sub>	33, 100.353, 308.868
Yxy	7.6629, 0.1922, 0.0928
Android (android.graphics.Color)	4284096718 (0xFF5A20CE)
YUV	69.1780, 67.4532, 18.2609
Hunter-Lab	27.6820, 53.9130, -107.0654

# Details

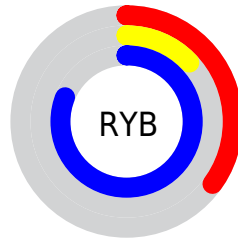
The Hex color **5A20CE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark muted blue. A complement of this color would be **94CE20**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **9857FF**, and **000096** is the 20% darker color. If you saturate the color by 10%, you get **4C0BCE**, and if you desaturate by 10%, it is **6835CE**.

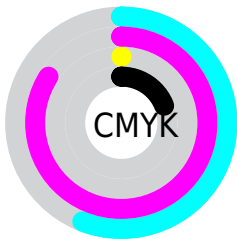
# Distribution



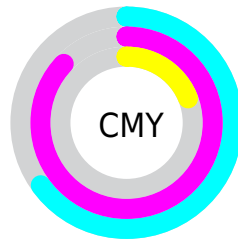
- Red (35%)
- Green (13%)
- Blue (81%)



- Red (35%)
- Yellow (13%)
- Blue (81%)



- Cyan (56%)
- Magenta (84%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (87%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A20CE 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 5A20CE by changing the saturation by 10% instead.



 5A20CE

 5A20CE

FFFFFF

 3700B2


 9857FF

 000096

 B671FF

 00007B

 D58CFF

 000061

 F3A8FF

 000848

 FFC4FF

 000431

 FFE1FF

 00011B

FFFEFF

 000000

 5A20CE

 5A20CE

■ 4C0BCE

■ 6835CE

■ 4500CE

■ 7549CE

■ 835ECE

■ 9172CE

■ 9F87CE

■ AC9CCE

■ BAB0CE

■ C8C5CE

■ D6D9CE

# Harmonies

## Analogous

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



0055F2



5A20CE



B6008A

# Triad

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



5A20CE



8C3100



006865

# Complementary

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



5A20CE



94CE20

# 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.



006606



5A20CE



4B5300

# Square

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



5A20CE



B90000



006100



006AB3

# Rectangle

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



5A20CE



CA0055



006100



006749



# Sweetspot

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



5A20CE



D4BFFF



2094CE



665980



000000



808080



# Same Dimension

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



5A20CE



5500FF



B120CE



5F5C66



3700A6



0D0026



# Inverse Universe

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



CE2094



FF00AA



3DCE20



665C63



A6006E

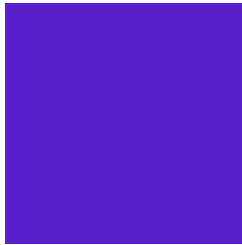


260019



# Previews

## White Background



This preview shows how the Hex color 5A20CE 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

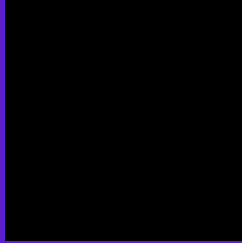
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A20CE Background



This preview shows how black text looks on a background with the Hex color 5A20CE.



This preview shows how white text looks on a background with the Hex color 5A20CE.

# 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**  
2F545B

# Trichromacy



**Original Color**  
5A20CE

**Protanomaly**  
213CB0

**Deuteranomaly**  
213FA1

**Tritanomaly**  
3F4185

# Monochromacy



**Original Color**  
5A20CE

**Achromatopsia**  
454545

**Achromatomaly**  
4D3877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A20CE 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 #5A20CE looks like.

```
.text, #text, p{  
    color:#5A20CE  
}
```

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 #5A20CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A20CE
}
```

## Border

The CSS property to change the border of an element to Hex 5A20CE 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
#5A20CE }
```

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

```
.border{ border-color:#5A20CE }
```

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

Here you see how a box with a 4 pixel #5A20CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A20CE; -webkit-box-shadow:4px 4px  
4px 4px #5A20CE; box-shadow:4px 4px 4px  
4px #5A20CE }
```

# Background

The CSS property to change the background color of an element to Hex 5A20CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A20CE }
```

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

```
.background{ background-color:#5A20CE }
```

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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