

# Converting Colors

Hex(5D45AD)

Have a look what the booklet for  
Hex(5D45AD) contains.

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# Color

**Hex(5D45AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D45AD
RGB	93, 69, 173
RGB Percent	36%, 27%, 68%
CMY	0.6353, 0.7294, 0.3216
CMYK	0.46, 0.60, 0.00, 0.32
HSL	254°, 43%, 47%
HSV	254°, 60%, 68%
XYZ	14.1851, 9.6005, 40.6406
YIQ	88.0320, -19.0800, 37.4320

# Conversions

## Conversions Part 2

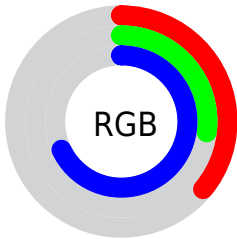
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 69, 173
Decimal	6112685
CIE <sub>Lab</sub>	37.12, 36.27, -52.42
CIE <sub>LCh</sub>	37, 63.746, 304.679
Yxy	9.6005, 0.2202, 0.1490
Android (android.graphics.Color)	4284302765 (0xFF5D45AD)
YUV	88.0320, 41.8892, 4.3569
Hunter-Lab	30.9847, 27.4960, -56.0775

# Details

The Hex color **5D45AD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **95AD45**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9576E5**, and **231778** is the 20% darker color. If you saturate the color by 10%, you get **5034AD**, and if you desaturate by 10%, it is **6A56AD**.

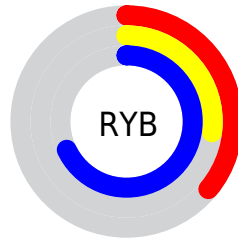
# Distribution



Red (36%)

Green (27%)

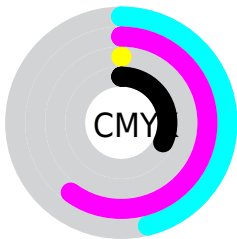
Blue (68%)



Red (36%)

Yellow (27%)

Blue (68%)

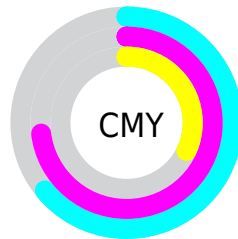


Cyan (46%)

Magenta (60%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (73%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D45AD 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 5D45AD by changing the saturation by 10% instead.



5D45AD

5D45AD

FFFFFF

412E92

9576E5

231778

B190FF

00025E

CEABFF

000046

EBC7FF

00042E

FFE3FF

000119

000000

5D45AD

5D45AD

5034AD

6A56AD

4222AD

7868AD

3511AD

8579AD

2800AD

928AAD

A09CAD

ADADAD

BABEAD

C7CFAD

D5E1AD

# Harmonies

## Analogous

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



005CBF



5D45AD



992284

# Triad

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



5D45AD



8D4300



006D5E

# Complementary

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



5D45AD



95AD45

# 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.



006A28



5D45AD



645800

# Square

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



5D45AD



A82320



2B6400



006C91

# Rectangle

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



5D45AD



AB0463



2B6400



006C4C



# Sweetspot

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



5D45AD



C1B8E0



4596AD



5D5870



F0F0F0



707070



# Same Dimension

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



5D45AD



643FE0



9045AD



504E57



230096



050017



# Inverse Universe

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



AD4595



E03FBB



62AD45



574E55



960074

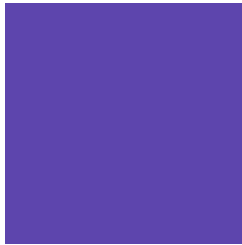


170012



# Previews

## White Background



This preview shows how the Hex color 5D45AD 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 5D45AD Background



This preview shows how black text looks on a background with the Hex color 5D45AD.

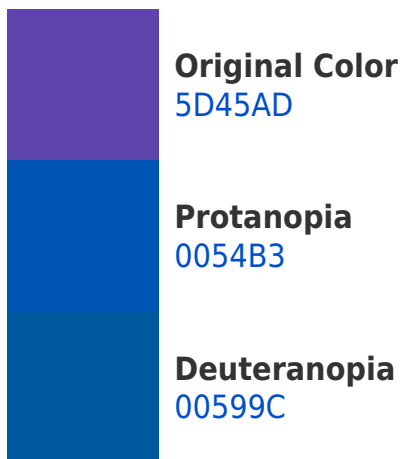


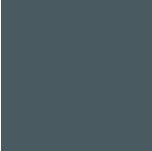
This preview shows how white text looks on a background with the Hex color 5D45AD.

# 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](#).

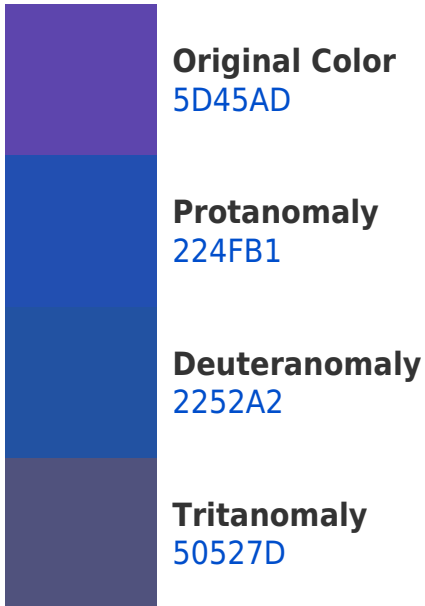
## Dichromacy



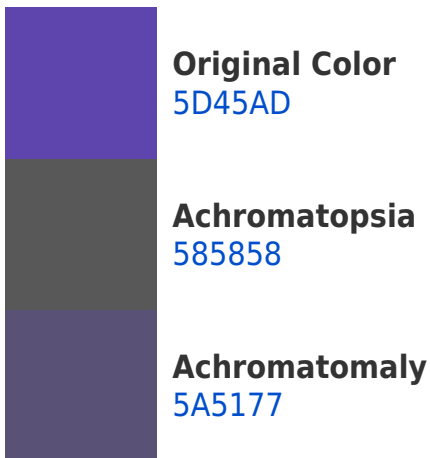


**Tritanopia**  
495A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D45AD 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 #5D45AD looks like.

```
.text, #text, p{  
    color:#5D45AD  
}
```

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 #5D45AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D45AD }  
}
```

## Border

The CSS property to change the border of an element to Hex 5D45AD 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".

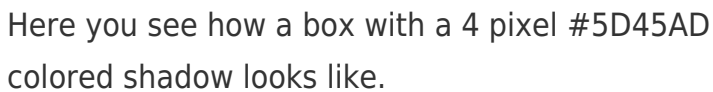
```
.border, #border, table{ border:4px solid #5D45AD }  
}
```

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

```
.border{ border-color:#5D45AD }
```

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

Here you see how a box with a 4 pixel #5D45AD colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D45AD; -webkit-box-shadow:4px 4px  
4px 4px #5D45AD; box-shadow:4px 4px 4px  
4px #5D45AD }
```

# Background

The CSS property to change the background color of an element to Hex 5D45AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D45AD }
```

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

```
.background{ background-color:#5D45AD }
```

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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