

# Converting Colors

Hex(5E2AD0)

Have a look what the booklet for  
Hex(5E2AD0) contains.

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# Color

**Hex(5E2AD0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E2AD0
RGB	94, 42, 208
RGB Percent	37%, 16%, 82%
CMY	0.6314, 0.8353, 0.1843
CMYK	0.55, 0.80, 0.00, 0.18
HSL	259°, 66%, 49%
HSV	259°, 80%, 82%
XYZ	16.8292, 8.5897, 60.4455
YIQ	76.4720, -22.2940, 62.6500

# Conversions

## Conversions Part 2

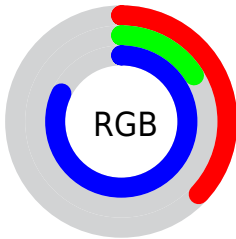
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 42, 208
Decimal	6171344
CIE <sub>Lab</sub>	35.18, 60.15, -76.13
CIE <sub>LCh</sub>	35, 97.026, 308.315
Yxy	8.5897, 0.1960, 0.1000
Android (android.graphics.Color)	4284361424 (0xFF5E2AD0)
<b>YUV</b>	76.4720, 64.8433, 15.3721
Hunter-Lab	29.3082, 51.2084, -101.7647

# Details

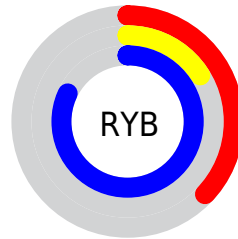
The Hex color **5E2AD0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **9CD02A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9B5FFF**, and **0A0098** is the 20% darker color. If you saturate the color by 10%, you get **5015D0**, and if you desaturate by 10%, it is **6C3FD0**.

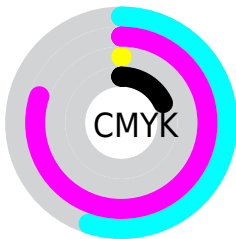
# Distribution



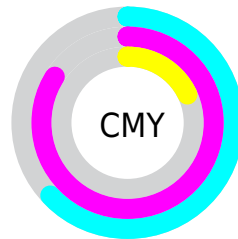
- Red (37%)
- Green (16%)
- Blue (82%)



- Red (37%)
- Yellow (16%)
- Blue (82%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (84%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E2AD0 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 5E2AD0 by changing the saturation by 10% instead.



 5E2AD0

 5E2AD0

FFFFFF

 3C0AB4

 9B5FFF

 0A0098

 B979FF

 00007D

 D894FF

 000063

 F6B0FF

 00094A

 FFC0FF

 000433

 FFE9FF

 00021D

 000000

 5E2AD0

 5E2AD0

■ 5015D0

■ 6C3FD0

■ 4100D0

■ 7B54D0

■ 8968D0

■ 977DD0

■ A592D0

■ B4A7D0

■ C2BCD0

■ D0D0D0

■ DFE5D0

# Harmonies

## Analogous

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



005AF2



5E2AD0



B8008E

# Triad

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



5E2AD0



913600



006D68

# Complementary

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



5E2AD0



9CD02A

# 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.



006B0D



5E2AD0



525700

# Square

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



5E2AD0



BD0000



006500



006EB4

# Rectangle

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



5E2AD0



CC005B



006500



006C4C



# Sweetspot

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



5E2AD0



D5C2FF



2A9ED0



665B80



000000



808080



# Same Dimension

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



5E2AD0



570AFF



AF2AD0



615E69



3500A8



0D0029



# Inverse Universe

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



D02A9C



FF0AB2



4BD02A



695E65



A80074

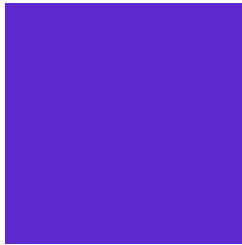


29001C



# Previews

## White Background



This preview shows how the Hex color 5E2AD0 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

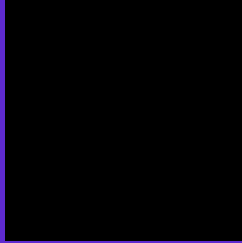
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E2AD0 Background



This preview shows how black text looks on a background with the Hex color 5E2AD0.




This preview shows how white text looks on a background with the Hex color 5E2AD0.

# 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**  
37585F

# Trichromacy



**Original Color**  
5E2AD0



**Protanomaly**  
2242B7



**Deuteranomaly**  
2245A7



**Tritanomaly**  
454788

# Monochromacy



**Original Color**  
5E2AD0



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
53407C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E2AD0 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 #5E2AD0 looks like.

```
.text, #text, p{  
    color:#5E2AD0  
}
```

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 #5E2AD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2AD0
}
```

## Border

The CSS property to change the border of an element to Hex 5E2AD0 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".

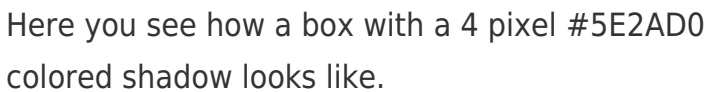
```
.border, #border, table{ border:4px solid
#5E2AD0 }
```

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

```
.border{ border-color:#5E2AD0 }
```

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

Here you see how a box with a 4 pixel #5E2AD0 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2AD0; -webkit-box-shadow:4px 4px  
4px 4px #5E2AD0; box-shadow:4px 4px 4px  
4px #5E2AD0 }
```

# Background

The CSS property to change the background color of an element to Hex 5E2AD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2AD0 }
```

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

```
.background{ background-color:#5E2AD0 }
```

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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