

# Converting Colors

Hex(5D118D)

Have a look what the booklet for  
Hex(5D118D) contains.

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# Color

**Hex(5D118D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D118D
RGB	93, 17, 141
RGB Percent	36%, 7%, 55%
CMY	0.6353, 0.9333, 0.4471
CMYK	0.34, 0.88, 0.00, 0.45
HSL	277°, 78%, 31%
HSV	277°, 88%, 55%
XYZ	9.5224, 4.6511, 25.5952
YIQ	53.8600, 5.4920, 54.6760

# Conversions

## Conversions Part 2

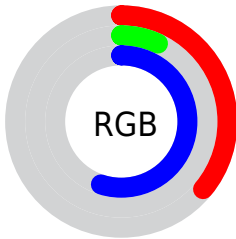
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 17, 141
Decimal	6099341
CIELab	25.72, 52.41, -51.51
CIElCh	26, 73.483, 315.498
Yxy	4.6511, 0.2394, 0.1170
Android (android.graphics.Color)	4284289421 (0xFF5D118D)
YUV	53.8600, 42.9600, 34.3258
Hunter-Lab	21.5665, 41.0726, -55.2690

# Details

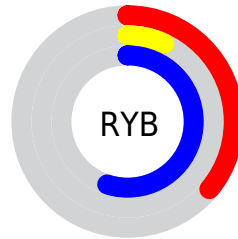
The Hex color **5D118D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **418D11**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9449C4**, and **26005A** is the 20% darker color. If you saturate the color by 10%, you get **58038D**, and if you desaturate by 10%, it is **621F8D**.

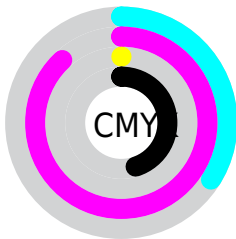
# Distribution



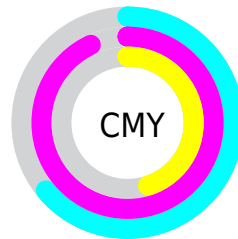
- Red (36%)
- Green (7%)
- Blue (55%)



- Red (36%)
- Yellow (7%)
- Blue (55%)



- Cyan (34%)
- Magenta (88%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (93%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D118D 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 5D118D by changing the saturation by 10% instead.



■ 5D118D

■ 5D118D

FFFFFF

■ 420073

■ 9449C4

■ 26005A

■ B063E0

■ 060041

■ CD7EFD

■ 00032A

■ EA99FF

■ 000114

■ FFB5FF

■ 000000

■ FFD1FF

■ FFEEFF

■ 5D118D

■ 5D118D

■ 58038D

■ 621F8D

■ 56008D

■ 682D8D

■ 6D3B8D

■ 73498D

■ 78588D

■ 7E668D

■ 83748D

■ 89828D

■ 8E908D

# Harmonies

## Analogous

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



003CAC



5D118D



8D005A

# Triad

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



5D118D



613000



00515A

# Complementary

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



5D118D



418D11

# 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.



004F1E



5D118D



304400

# Square

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



5D118D



850000



004C00



00518D

# Rectangle

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



5D118D



970036



004C00



005046



# Sweetspot

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



5D118D



A588B8



11438D



513F5C



DBDBDB



5C5C5C



# Same Dimension

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



5D118D



7100B8



8D1181



454047



530087



050008



# Inverse Universe

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



8D1141



B80047



118D1D



474043



870034

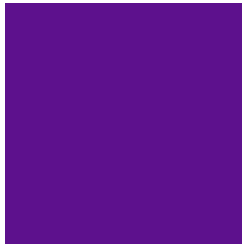


080003



# Previews

## White Background



This preview shows how the Hex color 5D118D 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

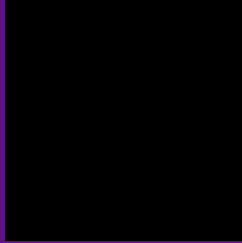
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D118D Background



This preview shows how black text looks on a background with the Hex color 5D118D.



This preview shows how white text looks on a background with the Hex color 5D118D.

# 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](#).

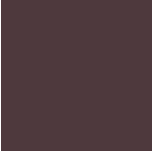
## Dichromacy



**Original Color**  
5D118D

**Protanopia**  
003D7F

**Deuteranopia**  
00406E



**Tritanopia**  
4E393D

# Trichromacy



**Original Color**  
5D118D

**Protanomaly**  
222D84

**Deuteranomaly**  
222F79

**Tritanomaly**  
532A5A

# Monochromacy



**Original Color**  
5D118D

**Achromatopsia**  
363636

**Achromatomaly**  
442956

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D118D 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 #5D118D looks like.

```
.text, #text, p{  
    color:#5D118D  
}
```

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 #5D118D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D118D
}
```

## Border

The CSS property to change the border of an element to Hex 5D118D is called "border". The border property can be set on classes, ids or directly on the HTML element.

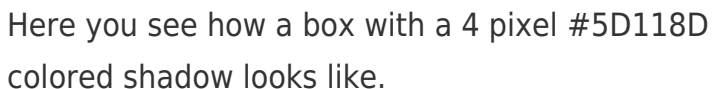
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D118D }
```

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

```
.border{ border-color:#5D118D }
```

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



Here you see how a box with a 4 pixel #5D118D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D118D; -webkit-box-shadow:4px 4px  
4px 4px #5D118D; box-shadow:4px 4px 4px  
4px #5D118D }
```

# Background

The CSS property to change the background color of an element to Hex 5D118D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D118D }
```

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

```
.background{ background-color:#5D118D }
```

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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