

# Converting Colors

Hex(5D4C8D)

Have a look what the booklet for  
Hex(5D4C8D) contains.

<b>Hex(5D4C8D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5D4C8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D4C8D
RGB	93, 76, 141
RGB Percent	36%, 30%, 55%
CMY	0.6353, 0.7020, 0.4471
CMYK	0.34, 0.46, 0.00, 0.45
HSL	256°, 30%, 43%
HSV	256°, 46%, 55%
XYZ	11.9064, 9.4191, 26.3898
YIQ	88.4930, -10.7330, 23.8190

# Conversions

## Conversions Part 2

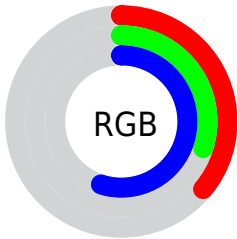
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 76, 141
Decimal	6114445
CIE <sub>Lab</sub>	36.78, 22.68, -33.70
CIE <sub>LCh</sub>	37, 40.621, 303.945
Yxy	9.4191, 0.2495, 0.1974
Android (android.graphics.Color)	4284304525 (0xFF5D4C8D)
YUV	88.4930, 25.8860, 3.9526
Hunter-Lab	30.6906, 15.5402, -29.4981

# Details

The Hex color **5D4C8D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C8D4C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **917DC3**, and **2B1F5A** is the 20% darker color. If you saturate the color by 10%, you get **533E8D**, and if you desaturate by 10%, it is **675A8D**.

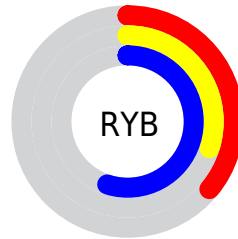
# Distribution



Red (36%)

Green (30%)

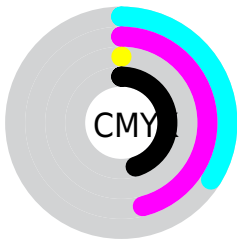
Blue (55%)



Red (36%)

Yellow (30%)

Blue (55%)

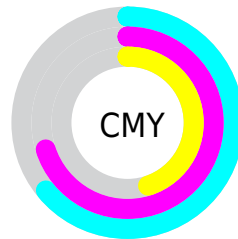


Cyan (34%)

Magenta (46%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (70%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D4C8D 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 5D4C8D by changing the saturation by 10% instead.



■ 5D4C8D

FFFFFF

■ 917DC3

■ AD97DF

■ C8B2FC

■ E5CDFF

■ FFEAFF

■ 5D4C8D

■ 443573

■ 2B1F5A

■ 110B42

■ 00002C

■ 000116

■ 000000

■ 5D4C8D

■ 533E8D

■ 48308D

■ 5D4C8D

■ 675A8D

■ 72688D

■ 3E228D

■ 7C768D

■ 33148D

■ 87848D

■ 29068D

■ 91938D

■ 25008D

■ 9BA18D

■ A6AF8D

■ B0BD8D

■ BBCB8D

# Harmonies

## Analogous

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



065998



5D4C8D



813E74

# Triad

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



5D4C8D



7E4A1A



00665A

# Complementary

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



5D4C8D



7C8D4C

# 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.



016438



5D4C8D



63560D

# Square

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



5D4C8D



8F3D34



425F1C



00657A

# Rectangle

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



5D4C8D



8E385F



425F1C



00664F



# Sweetspot

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



5D4C8D



A59EB8



4C7D8D



504C5C



DBDBDB



5C5C5C



# Same Dimension

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



5D4C8D



6D53B8



7D4C8D



424047



230087



020008



# Inverse Universe

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



8D4C7C



B8539D



5C8D4C



474046



870064



080006



# Previews

## White Background



This preview shows how the Hex color 5D4C8D looks on a white background.

## Color Contrast Check

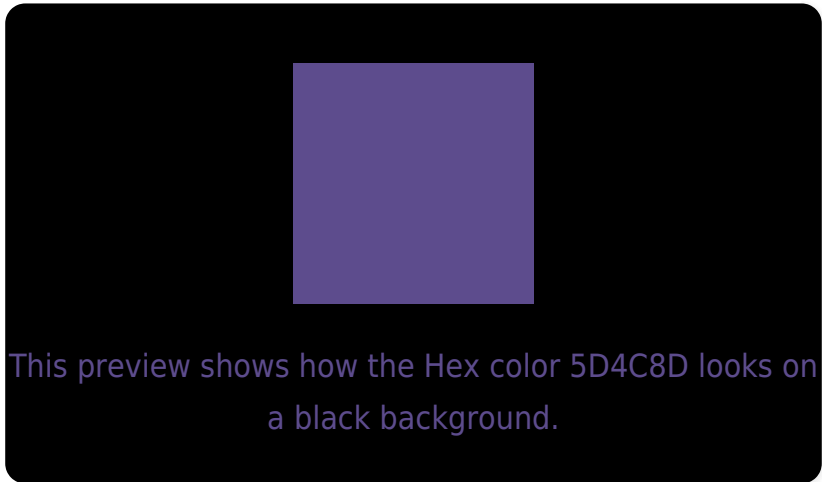
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D4C8D Background



This preview shows how black text looks on a background with the Hex color 5D4C8D.

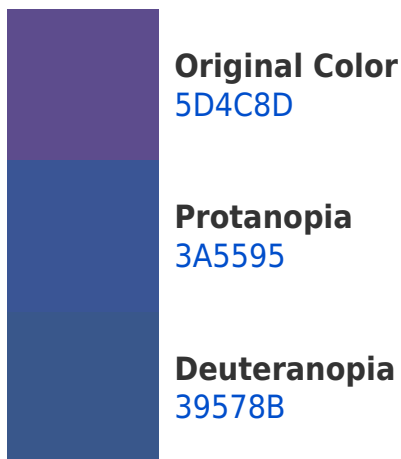


This preview shows how white text looks on a background with the Hex color 5D4C8D.

# 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**  
53575E

# Trichromacy



**Original Color**  
5D4C8D

**Protanomaly**  
475292

**Deuteranomaly**  
46538C

**Tritanomaly**  
57536F

# Monochromacy



**Original Color**  
5D4C8D

**Achromatopsia**  
585858

**Achromatomaly**  
5A546B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D4C8D 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 #5D4C8D looks like.

```
.text, #text, p{  
    color:#5D4C8D  
}
```

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 #5D4C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4C8D
}
```

## Border

The CSS property to change the border of an element to Hex 5D4C8D 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
#5D4C8D }
```

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

```
.border{ border-color:#5D4C8D }
```

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

Here you see how a box with a 4 pixel #5D4C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4C8D; -webkit-box-shadow:4px 4px  
4px 4px #5D4C8D; box-shadow:4px 4px 4px  
4px #5D4C8D }
```

# Background

The CSS property to change the background color of an element to Hex 5D4C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4C8D }
```

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

```
.background{ background-color:#5D4C8D }
```

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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