

# Converting Colors

Hex(5D2179)

Have a look what the booklet for  
Hex(5D2179) contains.

<b>Hex(5D2179)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5D2179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D2179
RGB	93, 33, 121
RGB Percent	36%, 13%, 47%
CMY	0.6353, 0.8706, 0.5255
CMYK	0.23, 0.73, 0.00, 0.53
HSL	281°, 57%, 30%
HSV	281°, 73%, 47%
XYZ	8.5092, 4.7953, 18.5663
YIQ	60.9720, 7.5120, 40.0880

# Conversions

## Conversions Part 2

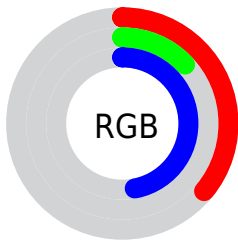
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 33, 121
Decimal	6103417
CIELab	26.14, 42.02, -38.24
CIElCh	26, 56.820, 317.696
Yxy	4.7953, 0.2670, 0.1505
Android (android.graphics.Color)	4284293497 (0xFF5D2179)
YUV	60.9720, 29.5938, 28.0886
Hunter-Lab	21.8983, 31.0397, -34.9397

# Details

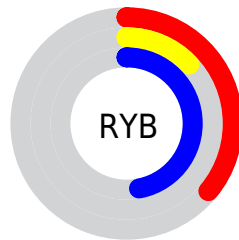
The Hex color **5D2179** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3D7921**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9253AE**, and **2A0048** is the 20% darker color. If you saturate the color by 10%, you get **591579**, and if you desaturate by 10%, it is **612D79**.

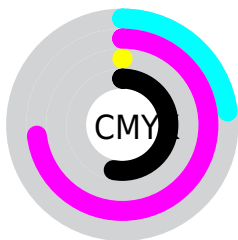
# Distribution



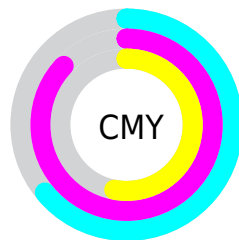
- Red (36%)
- Green (13%)
- Blue (47%)



- Red (36%)
- Yellow (13%)
- Blue (47%)



- Cyan (23%)
- Magenta (73%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (87%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D2179 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 5D2179 by changing the saturation by 10% instead.





5D2179



5D2179

FFFFFF



430460



9253AE



2A0048



AE6DCA



120031



CA87E6



00011A



E7A2FF



000000



FFBDFE



FFD9FF



FFF6FF



5D2179



5D2179

■ 591579

■ 612D79

■ 550979

■ 653979

■ 520079

■ 694579

■ 6C5179

■ 705D79

■ 746A79

■ 787679

■ 7C8279

■ 808E79

# Harmonies

## Analogous

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



003B92



5D2179



7F0052

# Triad

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



5D2179



5B3600



004F57

# Complementary

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



5D2179



3D7921

# 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.



004E2A



5D2179



354400

# Square

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



5D2179



781C00



004B00



004E7E

# Rectangle

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



5D2179



860035



004B00



004F48



# Sweetspot

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



5D2179



937B9E



213E79



493A4F



CFCFCF



4F4F4F



# Same Dimension

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



5D2179



72159E



79216A



3B373D



55007D



AC00FC



# Inverse Universe

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



79213D



9E1540



217930



3D3739



7D0028

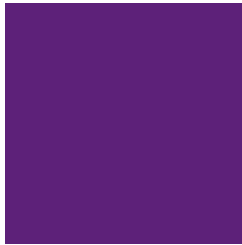


FC0050



# Previews

## White Background



This preview shows how the Hex color 5D2179 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

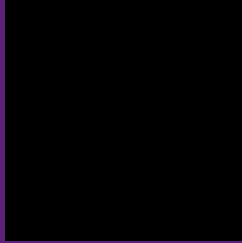
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D2179 Background



This preview shows how black text looks on a background with the Hex color 5D2179.



This preview shows how white text looks on a background with the Hex color 5D2179.

# 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**  
5D2179

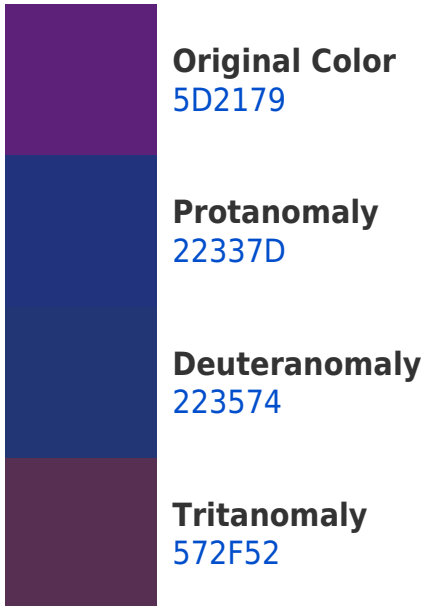
**Protanopia**  
003D80

**Deuteranopia**  
004071

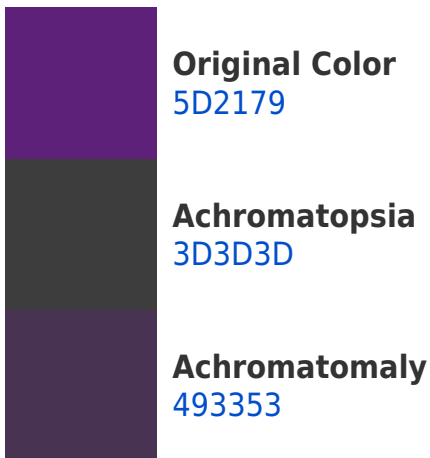


**Tritanopia**  
53373B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D2179 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 #5D2179 looks like.

```
.text, #text, p{  
    color:#5D2179  
}
```

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 #5D2179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2179
}
```

## Border

The CSS property to change the border of an element to Hex 5D2179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

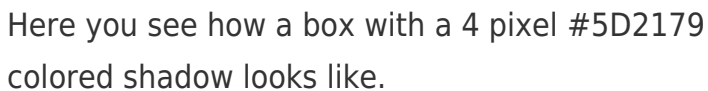
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2179 }
```

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

```
.border{ border-color:#5D2179 }
```

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



Here you see how a box with a 4 pixel #5D2179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2179; -webkit-box-shadow:4px 4px  
4px 4px #5D2179; box-shadow:4px 4px 4px  
4px #5D2179 }
```

# Background

The CSS property to change the background color of an element to Hex 5D2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2179 }
```

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

```
.background{ background-color:#5D2179 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor