

# Converting Colors

Hex(5D249D)

Have a look what the booklet for  
Hex(5D249D) contains.

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**Color**

**Hex(5D249D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D249D
RGB	93, 36, 157
RGB Percent	36%, 14%, 62%
CMY	0.6353, 0.8588, 0.3843
CMYK	0.41, 0.77, 0.00, 0.38
HSL	268°, 63%, 38%
HSV	268°, 77%, 62%
XYZ	11.2309, 6.0232, 32.4690
YIQ	66.8370, -4.8690, 49.7150

# Conversions

## Conversions Part 2

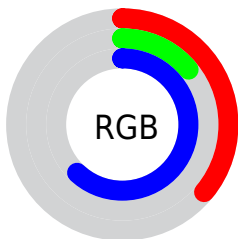
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 36, 157
Decimal	6104221
CIELab	29.47, 49.36, -55.22
CIElCh	29, 74.065, 311.793
Yxy	6.0232, 0.2259, 0.1211
Android (android.graphics.Color)	4284294301 (0xFF5D249D)
YUV	66.8370, 44.4504, 22.9450
Hunter-Lab	24.5423, 38.7351, -61.2600

# Details

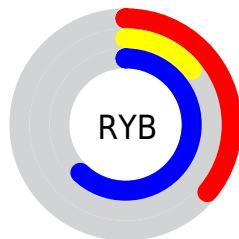
The Hex color **5D249D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **649D24**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9557D5**, and **230068** is the 20% darker color. If you saturate the color by 10%, you get **55149D**, and if you desaturate by 10%, it is **65349D**.

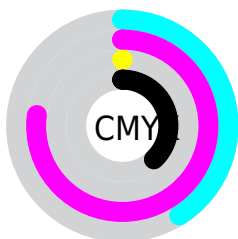
# Distribution



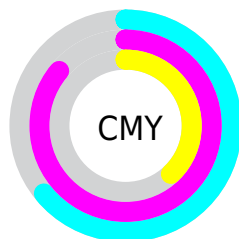
- Red (36%)
- Green (14%)
- Blue (62%)



- Red (36%)
- Yellow (14%)
- Blue (62%)



- Cyan (41%)
- Magenta (77%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (86%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D249D 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 5D249D by changing the saturation by 10% instead.



5D249D

5D249D

FFFFFF

410582

9557D5

230068

B171F1

040050

CE8BFF

000238

EBA7FF

000221

FFC2FF

000006

FFDFFF

000000

FFFCFF

5D249D

5D249D

■ 55149D

■ 65349D

■ 4C059D

■ 6E439D

■ 4A009D

■ 76539D

■ 7E639D

■ 87739D

■ 8F829D

■ 97929D

■ 9FA29D

■ A8B19D

# Harmonies

## Analogous

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



0047B9



5D249D



95006B

# Triad

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



5D249D



723500



005B5C

# Complementary

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



5D249D



649D24

# 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.



00591E



5D249D



414A00

# Square

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



5D249D



940000



005500



005B92

# Rectangle

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



5D249D



A20045



005500



005A48



# Sweetspot

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



5D249D



B39DCC



24659D



574966



E6E6E6



666666



# Same Dimension

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



5D249D



6910CC



99249D



4B474F



43008F



07000F



# Inverse Universe

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



9D2464



CC1074



289D24



4F474B



8F004C

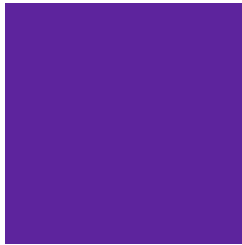


0F0008



# Previews

## White Background



This preview shows how the Hex color 5D249D looks on a white background.

## Color Contrast Check

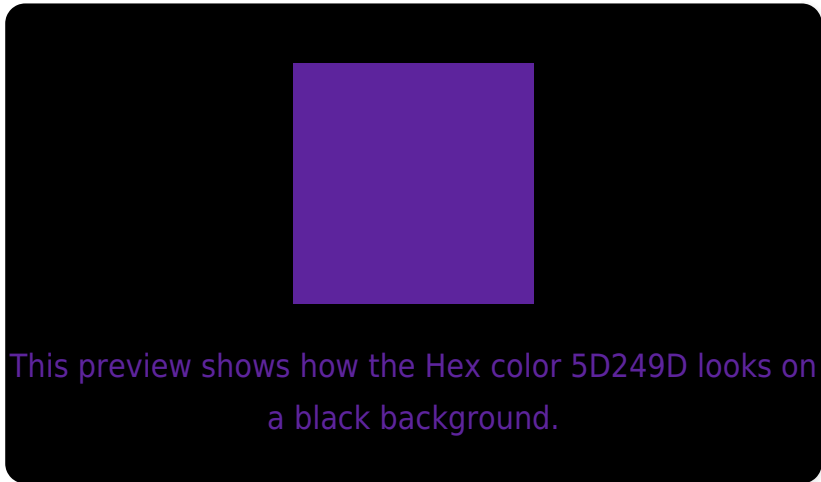
Large Text (above 18pt) WCAG AA ✓ Pass

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

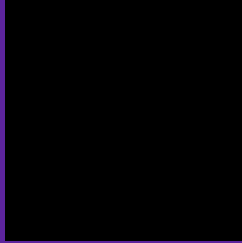
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D249D Background



This preview shows how black text looks on a background with the Hex color 5D249D.



This preview shows how white text looks on a background with the Hex color 5D249D.

# 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**  
5D249D

**Protanopia**  
00448F

**Deuteranopia**  
00487B



**Tritanopia**  
4B4449

# Trichromacy



**Original Color**  
5D249D

**Protanomaly**  
223894

**Deuteranomaly**  
223B87

**Tritanomaly**  
523868

# Monochromacy



**Original Color**  
5D249D

**Achromatopsia**  
434343

**Achromatomaly**  
4C3864

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D249D 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 #5D249D looks like.

```
.text, #text, p{  
    color:#5D249D  
}
```

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 #5D249D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D249D
}
```

## Border

The CSS property to change the border of an element to Hex 5D249D is called "border". The border property can be set on classes, ids or directly on the HTML element.

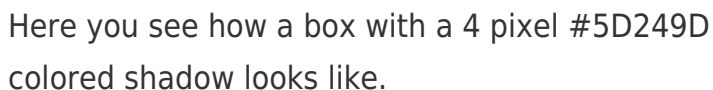
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D249D }
```

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

```
.border{ border-color:#5D249D }
```

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



Here you see how a box with a 4 pixel #5D249D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D249D; -webkit-box-shadow:4px 4px  
4px 4px #5D249D; box-shadow:4px 4px 4px  
4px #5D249D }
```

# Background

The CSS property to change the background color of an element to Hex 5D249D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D249D }
```

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

```
.background{ background-color:#5D249D }
```

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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