

Converting Colors

Hex(5D509F)

Have a look what the booklet for
Hex(5D509F) contains.

Hex(5D509F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D509F)

Conversions

Conversions Part 1

Format	Color
Hex	5D509F
RGB	93, 80, 159
RGB Percent	36%, 31%, 62%
CMY	0.6353, 0.6863, 0.3765
CMYK	0.42, 0.50, 0.00, 0.38
HSL	250°, 33%, 47%
HSV	250°, 50%, 62%
XYZ	13.6409, 10.5677, 34.1217
YIQ	92.8930, -17.6110, 27.3250

Conversions

Conversions Part 2

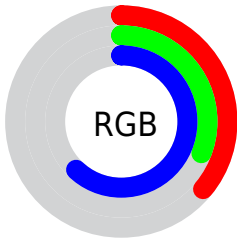
Format	Color
R_{YB}	93, 80, 159
Decimal	6115487
CIE _{Lab}	38.84, 25.39, -41.29
CIE _{LCh}	39, 48.474, 301.587
Yxy	10.5677, 0.2339, 0.1812
Android (android.graphics.Color)	4284305567 (0xFF5D509F)
YUV	92.8930, 32.5908, 0.0938
Hunter-Lab	32.5080, 18.0125, -39.4776

Details

The Hex color **5D509F** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **929F50**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9381D6**, and **28236B** is the 20% darker color. If you saturate the color by 10%, you get **50409F**, and if you desaturate by 10%, it is **6A609F**.

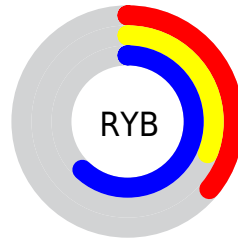
Distribution



Red (36%)

Green (31%)

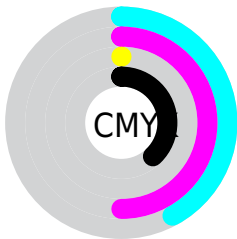
Blue (62%)



Red (36%)

Yellow (31%)

Blue (62%)

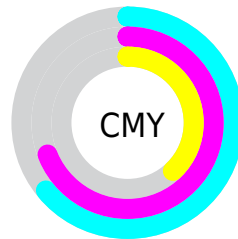


Cyan (42%)

Magenta (50%)

Yellow (0%)

Black (38%)



Cyan (64%)

Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D509F 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 5D509F by changing the saturation by 10% instead.

■ 5D509F

■ 5D509F

FFFFFF

■ 433985

■ 9381D6

■ 28236B

■ AE9CF3

■ 060F52

■ CAB7FF

■ 00003B

■ E7D2FF

■ 000224

■ FFEFFF

■ 00000C

■ 000000

■ 5D509F

■ 5D509F

■ 50409F

■ 6A609F

42309F

78709F

35209F

85809F

28109F

92909F

1B009F

9FA09F

1A009F

ADAF9F

BABF9F

C7CF9F

D5DF9F

Harmonies

Analogous

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



0060AB



5D509F



8C3D82

Triad

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



5D509F



8B4B12



006D5C

Complementary

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



5D509F



929F50

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.



006B34



5D509F



6C5A00

Square

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



5D509F



9E3A35



45650D



006D84

Rectangle

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



5D509F



9C3468



45650D



006D4F

Sweetspot

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



5D509F



B5B0CF



50939F



595669



E8E8E8



696969

Same Dimension

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



5D509F



6753CF



83509F



48474F



17008F



03000F

Inverse Universe

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



9F5092



CF53BA



6C9F50



4F474E



8F0077



0F000D

Previews

White Background



This preview shows how the Hex color 5D509F 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

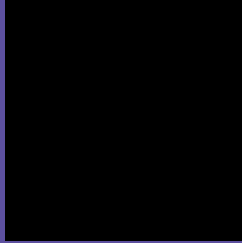
Any Text WCAG AA × Fail

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 5D509F Background



This preview shows how black text looks on a background with the Hex color 5D509F.

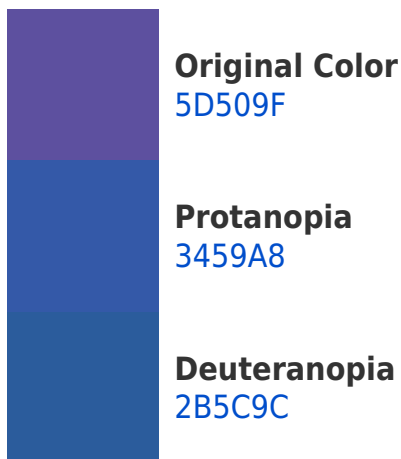


This preview shows how white text looks on a background with the Hex color 5D509F.

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
4F5E65

Trichromacy



Original Color
5D509F

Protanomaly
4356A5

Deuteranomaly
3D589D

Tritanomaly
54597A

Monochromacy



Original Color
5D509F

Achromatopsia
5D5D5D

Achromatomaly
5D5875

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D509F 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 #5D509F looks like.

```
.text, #text, p{  
    color:#5D509F  
}
```

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 #5D509F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D509F
}
```

Border

The CSS property to change the border of an element to Hex 5D509F 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
#5D509F }
```

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

```
.border{ border-color:#5D509F }
```

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

Here you see how a box with a 4 pixel #5D509F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D509F; -webkit-box-shadow:4px 4px  
4px 4px #5D509F; box-shadow:4px 4px 4px  
4px #5D509F }
```

Background

The CSS property to change the background color of an element to Hex 5D509F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D509F }
```

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

```
.background{ background-color:#5D509F }
```

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