

Converting Colors

Hex(5F4D9B)

Have a look what the booklet for
Hex(5F4D9B) contains.

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Color

Hex(5F4D9B)

Conversions

Conversions Part 1

Format	Color
Hex	5F4D9B
RGB	95, 77, 155
RGB Percent	37%, 30%, 61%
CMY	0.6275, 0.6980, 0.3922
CMYK	0.39, 0.50, 0.00, 0.39
HSL	254°, 34%, 45%
HSV	254°, 50%, 61%
XYZ	13.2896, 10.1072, 32.2608
YIQ	91.2740, -14.3100, 28.0740

Conversions

Conversions Part 2

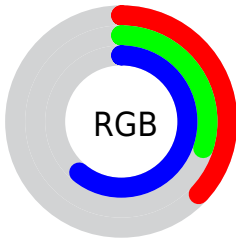
Format	Color
RYB	95, 77, 155
Decimal	6245787
CIELab	38.03, 26.61, -40.17
CIELCh	38, 48.183, 303.520
Yxy	10.1072, 0.2388, 0.1816
Android (android.graphics.Color)	4284435867 (0xFF5F4D9B)
YUV	91.2740, 31.4169, 3.2677
Hunter-Lab	31.7918, 18.9807, -37.9103

Details

The Hex color **5F4D9B** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **899B4D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **947ED2**, and **2B2067** is the 20% darker color. If you saturate the color by 10%, you get **533E9B**, and if you desaturate by 10%, it is **6B5D9B**.

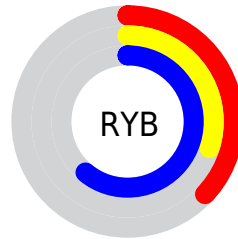
Distribution



Red (37%)

Green (30%)

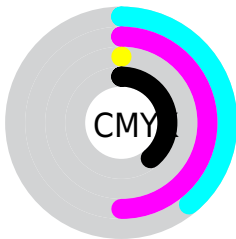
Blue (61%)



Red (37%)

Yellow (30%)

Blue (61%)

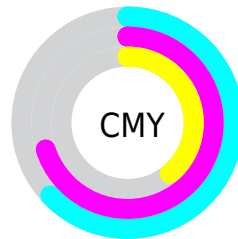


Cyan (39%)

Magenta (50%)

Yellow (0%)

Black (39%)



Cyan (63%)

Magenta (70%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4D9B 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 5F4D9B by changing the saturation by 10% instead.

■ 5F4D9B

■ 5F4D9B

FFFFFF

■ 453681

■ 947ED2

■ 2B2067

■ B098EE

■ 0C0B4F

■ CCB3FF

■ 000037

■ E9CFFF

■ 000221

■ FFE8FF

■ 000006

■ 000000

■ 5F4D9B

■ 5F4D9B

■ 533E9B

■ 6B5D9B

472E9B

776C9B

3B1F9B

837B9B

2F0F9B

8F8B9B

24009B

9B9B9B

A7AA9B

B2BA9B

BEC99B

CAD89B

Harmonies

Analogous

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



005DA8



5F4D9B



8C3B7D

Triad

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



5F4D9B



874A0E



006B5D

Complementary

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



5F4D9B



899B4D

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.



006935



5F4D9B



685900

Square

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



5F4D9B



9B3931



40630E



006B84

Rectangle

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



5F4D9B



9A3264



40630E



006B4F

Sweetspot

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



5F4D9B



B2ABC9



4D8A9B



585466



E6E6E6



666666

Same Dimension

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



5F4D9B



6C51C9



854D9B



47454D



20008C



03000D

Inverse Universe

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



9B4D89



C951AE



639B4D



4D454B



8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 5F4D9B looks on a white background.

Color Contrast Check

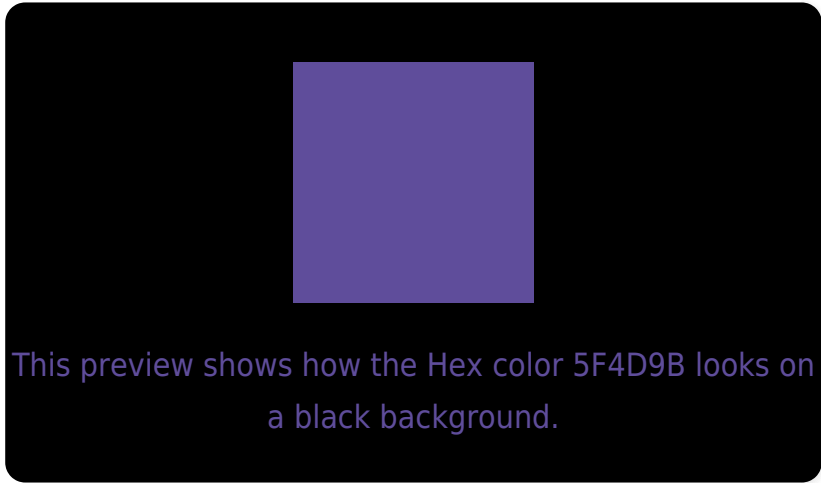
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F4D9B Background



This preview shows how black text looks on a background with the Hex color 5F4D9B.

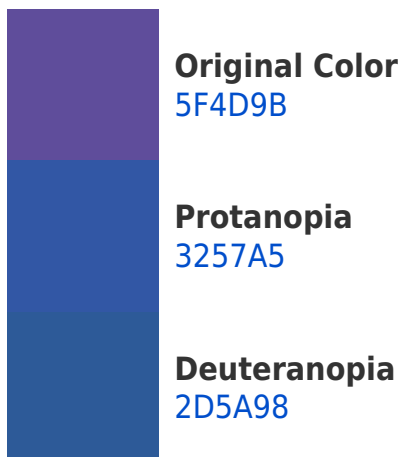


This preview shows how white text looks on a background with the Hex color 5F4D9B.

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
525B62

Trichromacy



Original Color
5F4D9B

Protanomaly
4253A1

Deuteranomaly
3F5599

Tritanomaly
575677

Monochromacy



Original Color
5F4D9B

Achromatopsia
5B5B5B

Achromatomaly
5C5672

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4D9B 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 #5F4D9B looks like.

```
.text, #text, p{  
    color:#5F4D9B  
}
```

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 #5F4D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4D9B
}
```

Border

The CSS property to change the border of an element to Hex 5F4D9B 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
#5F4D9B }
```

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

```
.border{ border-color:#5F4D9B }
```

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

Here you see how a box with a 4 pixel #5F4D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4D9B; -webkit-box-shadow:4px 4px  
4px 4px #5F4D9B; box-shadow:4px 4px 4px  
4px #5F4D9B }
```

Background

The CSS property to change the background color of an element to Hex 5F4D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4D9B }
```

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

```
.background{ background-color:#5F4D9B }
```

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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