

Converting Colors

Hex(5F4F99)

Have a look what the booklet for
Hex(5F4F99) contains.

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Color

Hex(5F4F99)

Conversions

Conversions Part 1

Format	Color
Hex	5F4F99
RGB	95, 79, 153
RGB Percent	37%, 31%, 60%
CMY	0.6275, 0.6902, 0.4000
CMYK	0.38, 0.48, 0.00, 0.40
HSL	253°, 32%, 45%
HSV	253°, 48%, 60%
XYZ	13.2651, 10.3248, 31.4307
YIQ	92.2200, -14.2180, 26.4060

Conversions

Conversions Part 2

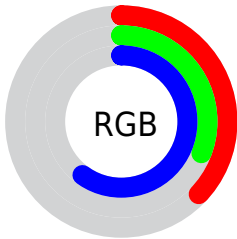
Format	Color
R_{YB}	95, 79, 153
Decimal	6246297
CIE _{Lab}	38.42, 24.79, -38.35
CIE _{LCh}	38, 45.667, 302.877
Yxy	10.3248, 0.2411, 0.1877
Android (android.graphics.Color)	4284436377 (0xFF5F4F99)
YUV	92.2200, 29.9645, 2.4381
Hunter-Lab	32.1322, 17.4585, -35.5032

Details

The Hex color **5F4F99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **89994F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9480D0**, and **2B2265** is the 20% darker color. If you saturate the color by 10%, you get **534099**, and if you desaturate by 10%, it is **6B5E99**.

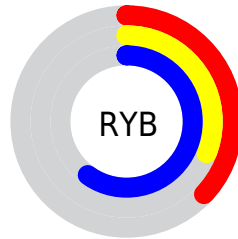
Distribution



Red (37%)

Green (31%)

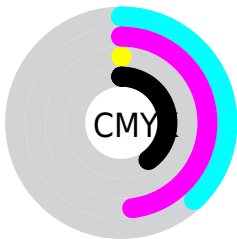
Blue (60%)



Red (37%)

Yellow (31%)

Blue (60%)

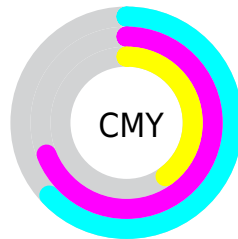


Cyan (38%)

Magenta (48%)

Yellow (0%)

Black (40%)



Cyan (63%)

Magenta (69%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4F99 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 5F4F99 by changing the saturation by 10% instead.

■ 5F4F99

■ 5F4F99

FFFFFF

■ 45387F

■ 9480D0

■ 2B2265

■ B09BEC

■ 0E0E4D

■ CCB5FF

■ 000036

■ E8D1FF

■ 00021F

■ FFEDFF

■ 000003

■ 000000

■ 5F4F99

■ 5F4F99

■ 534099

■ 6B5E99

473099

776E99

3B2199

837D99

2F1299

8F8C99

230399

9B9C99

210099

A7AB99

B3BA99

BFC999

CBD999

Harmonies

Analogous

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



005EA5



5F4F99



8A3E7D

Triad

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



5F4F99



874C15



006C5D

Complementary

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



5F4F99



89994F

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.



006937



5F4F99



695A01

Square

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



5F4F99



993C34



446415



006B82

Rectangle

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



5F4F99



983765



446415



006B50

Sweetspot

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



5F4F99



B0A9C7



4F8A99



555263



E3E3E3



636363

Same Dimension

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



5F4F99



6C54C7



834F99



47454D



1E008C



03000D

Inverse Universe

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



994F89



C754AE



65994F



4D454B



8C006E



0D000A

Previews

White Background



This preview shows how the Hex color 5F4F99 looks on a white background.

Color Contrast Check

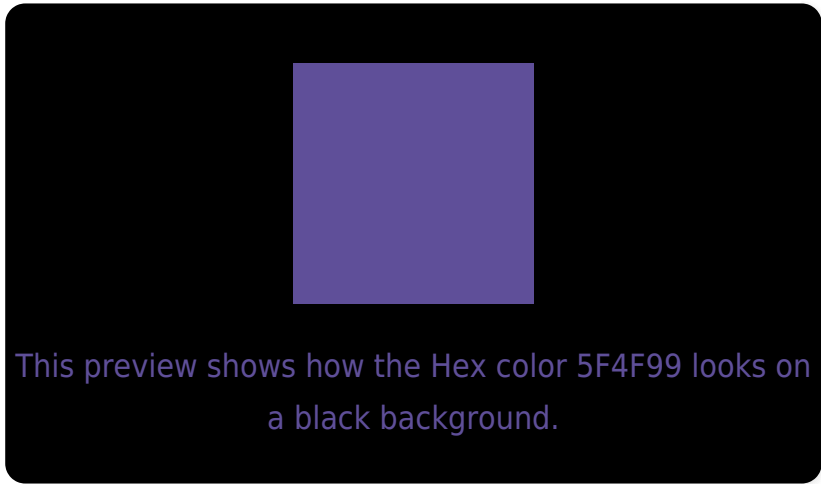
Large Text (above 18pt) WCAG AA ✓ Pass

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

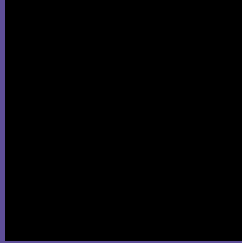
Any Text WCAG AA × Fail

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 5F4F99 Background



This preview shows how black text looks on a background with the Hex color 5F4F99.

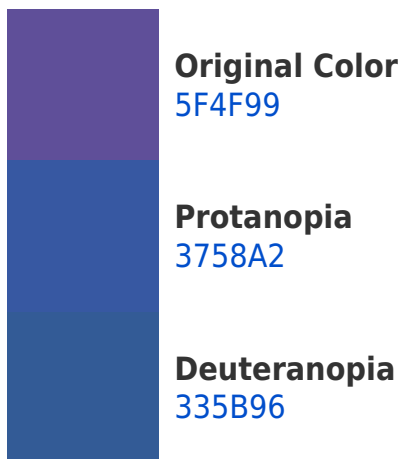


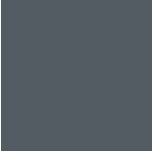
This preview shows how white text looks on a background with the Hex color 5F4F99.

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
535C63

Trichromacy



Original Color
5F4F99

Protanomaly
46559F

Deuteranomaly
435797

Tritanomaly
575777

Monochromacy



Original Color
5F4F99

Achromatopsia
5C5C5C

Achromatomaly
5D5772

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4F99 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 #5F4F99 looks like.

```
.text, #text, p{  
    color:#5F4F99  
}
```

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 #5F4F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4F99
}
```

Border

The CSS property to change the border of an element to Hex 5F4F99 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
#5F4F99 }
```

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

```
.border{ border-color:#5F4F99 }
```

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

Here you see how a box with a 4 pixel #5F4F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4F99; -webkit-box-shadow:4px 4px  
4px 4px #5F4F99; box-shadow:4px 4px 4px  
4px #5F4F99 }
```

Background

The CSS property to change the background color of an element to Hex 5F4F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4F99 }
```

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

```
.background{ background-color:#5F4F99 }
```

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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