

Converting Colors

Hex(5F3F99)

Have a look what the booklet for
Hex(5F3F99) contains.

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Color

Hex(5F3F99)

Conversions

Conversions Part 1

Format	Color
Hex	5F3F99
RGB	95, 63, 153
RGB Percent	37%, 25%, 60%
CMY	0.6275, 0.7529, 0.4000
CMYK	0.38, 0.59, 0.00, 0.40
HSL	261°, 42%, 42%
HSV	261°, 59%, 60%
XYZ	12.2466, 8.2878, 31.0912
YIQ	82.8280, -9.8180, 34.7740

Conversions

Conversions Part 2

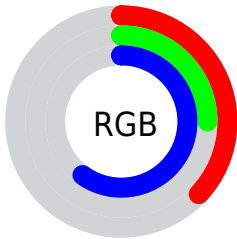
Format	Color
R_{YB}	95, 63, 153
Decimal	6242201
CIE _{Lab}	34.58, 34.54, -44.50
CIE _{LCh}	35, 56.335, 307.818
Yxy	8.2878, 0.2372, 0.1605
Android (android.graphics.Color)	4284432281 (0xFF5F3F99)
YUV	82.8280, 34.5948, 10.6748
Hunter-Lab	28.7886, 25.5535, -43.8803

Details

The Hex color **5F3F99** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **79993F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9570D0**, and **2A1165** is the 20% darker color. If you saturate the color by 10%, you get **553099**, and if you desaturate by 10%, it is **694E99**.

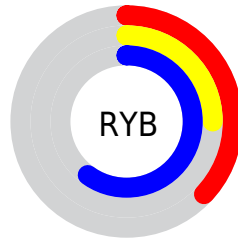
Distribution



Red (37%)

Green (25%)

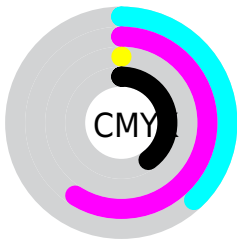
Blue (60%)



Red (37%)

Yellow (25%)

Blue (60%)

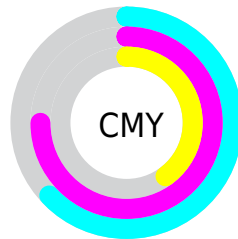


Cyan (38%)

Magenta (59%)

Yellow (0%)

Black (40%)



Cyan (63%)

Magenta (75%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3F99 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 5F3F99 by changing the saturation by 10% instead.

■ 5F3F99

■ 5F3F99

FFFFFF

■ 45287F

■ 9570D0

■ 2A1165

■ B18AED

■ 0C004D

■ CDA4FF

■ 000035

■ EAC0FF

■ 00021F

■ FFDCFF

■ 000002

■ FFF8FF

■ 000000

■ 5F3F99

■ 5F3F99

■ 553099

■ 694E99

■ 4B2099

■ 735E99

■ 411199

■ 7D6D99

■ 380299

■ 867C99

■ 360099

■ 908B99

■ 9A9B99

■ A4AA99

■ AEB999

■ B8C999

Harmonies

Analogous

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



0053AB



5F3F99



8E2474

Triad

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



5F3F99



7E4200



00655C

Complementary

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



5F3F99



79993F

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.



00632D



5F3F99



595300

Square

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



5F3F99



972A1C



265D00



006488

Rectangle

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



5F3F99



9C1557



265D00



00644D

Sweetspot

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



5F3F99



B0A3C7



3F7A99



554E63



E3E3E3



636363

Same Dimension

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



5F3F99



6C3AC7



8B3F99



48454D



32008C



05000D

Inverse Universe

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



993F79



C73A95



4C993F



4D454A



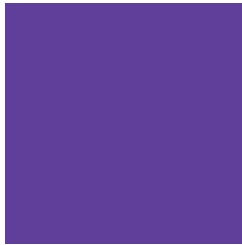
8C005A



0D0008

Previews

White Background



This preview shows how the Hex color 5F3F99 looks on a white background.

Color Contrast Check

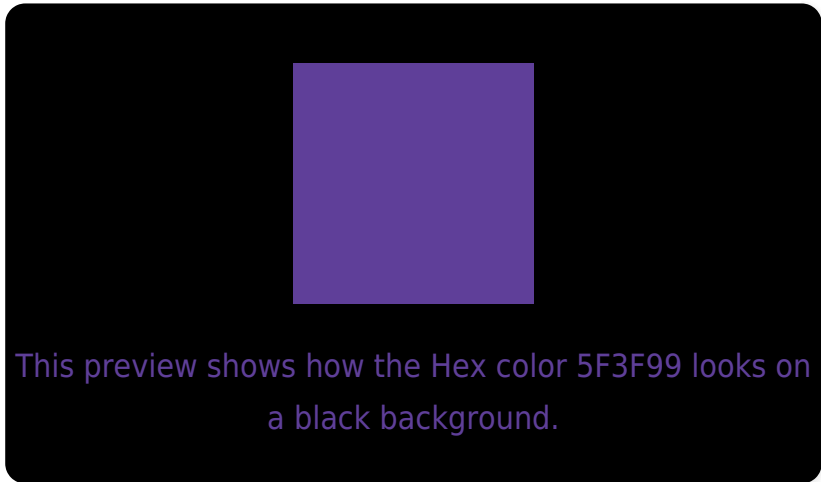
Large Text (above 18pt) WCAG AA ✓ Pass

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

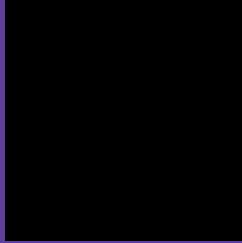
Any Text WCAG AA × Fail

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 5F3F99 Background



This preview shows how black text looks on a background with the Hex color 5F3F99.

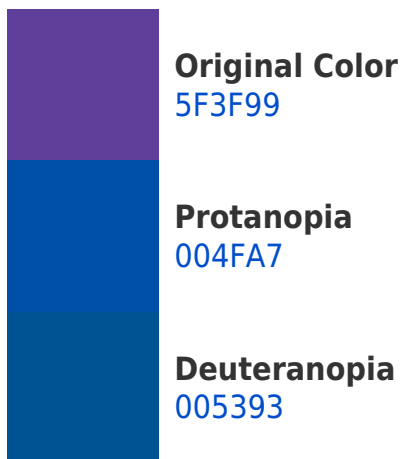


This preview shows how white text looks on a background with the Hex color 5F3F99.

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](#).

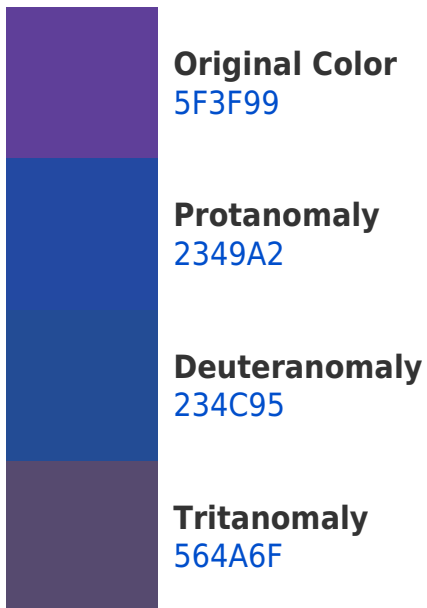
Dichromacy



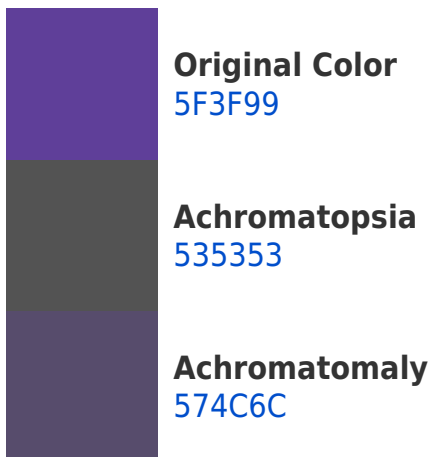


Tritanopia
515157

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3F99 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 #5F3F99 looks like.

```
.text, #text, p{  
    color:#5F3F99  
}
```

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 #5F3F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3F99
}
```

Border

The CSS property to change the border of an element to Hex 5F3F99 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".

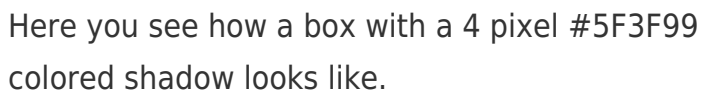
```
.border, #border, table{ border:4px solid
#5F3F99 }
```

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

```
.border{ border-color:#5F3F99 }
```

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

Here you see how a box with a 4 pixel #5F3F99 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3F99; -webkit-box-shadow:4px 4px  
4px 4px #5F3F99; box-shadow:4px 4px 4px  
4px #5F3F99 }
```

Background

The CSS property to change the background color of an element to Hex 5F3F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3F99 }
```

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

```
.background{ background-color:#5F3F99 }
```

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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