

Converting Colors

Hex(5F34A9)

Have a look what the booklet for
Hex(5F34A9) contains.

Hex(5F34A9)	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(5F34A9)

Conversions

Conversions Part 1

Format	Color
Hex	5F34A9
RGB	95, 52, 169
RGB Percent	37%, 20%, 66%
CMY	0.6275, 0.7961, 0.3373
CMYK	0.44, 0.69, 0.00, 0.34
HSL	262°, 53%, 43%
HSV	262°, 69%, 66%
XYZ	13.1087, 7.7535, 38.3418
YIQ	78.1950, -11.9290, 45.5030

Conversions

Conversions Part 2

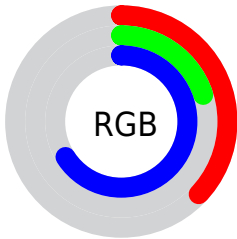
Format	Color
R_{YB}	95, 52, 169
Decimal	6239401
CIE _{Lab}	33.46, 45.12, -55.95
CIE _{LCh}	33, 71.879, 308.887
Yxy	7.7535, 0.2214, 0.1310
Android (android.graphics.Color)	4284429481 (0xFF5F34A9)
YUV	78.1950, 44.7669, 14.7380
Hunter-Lab	27.8450, 35.3045, -62.1491

Details

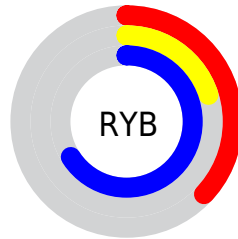
The Hex color **5F34A9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7EA934**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9766E1**, and **240074** is the 20% darker color. If you saturate the color by 10%, you get **5423A9**, and if you desaturate by 10%, it is **6A45A9**.

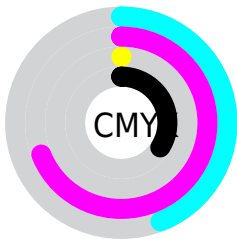
Distribution



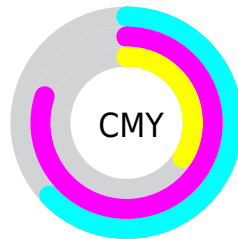
- Red (37%)
- Green (20%)
- Blue (66%)



- Red (37%)
- Yellow (20%)
- Blue (66%)



- Cyan (44%)
- Magenta (69%)
- Yellow (0%)
- Black (34%)



- Cyan (63%)
- Magenta (80%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F34A9 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 5F34A9 by changing the saturation by 10% instead.

5F34A9

5F34A9

FFFFFF

431B8E

9766E1

240074

B480FE

00005A

D09AFF

000042

EEB6FF

00032B

FFD2FF

000115

FFEEFF

000000

5F34A9

5F34A9

5423A9

6A45A9

■ 4A12A9

■ 7456A9

■ 3F01A9

■ 7F67A9

■ 3E00A9

■ 8A78A9

■ 9488A9

■ 9F99A9

■ AAAAA9

■ B5BBA9

■ BFCCA9

Harmonies

Analogous

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



0052C2



5F34A9



9B0079

Triad

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



5F34A9



803C00



00655F

Complementary

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



5F34A9



7EA934

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.



006322



5F34A9



525200

Square

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



5F34A9



A10706



005D00



006596

Rectangle

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



5F34A9



AB0054



005D00



00644B

Sweetspot

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



5F34A9



BEADDB



347EA9



5C526E



EDEDED



6E6E6E

Same Dimension

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



5F34A9



6825DB



9934A9



4F4C54



360094



070014

Inverse Universe

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



A9347E



DB2598



44A934



544C51



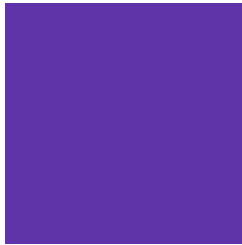
94005E



14000D

Previews

White Background



This preview shows how the Hex color 5F34A9 looks on a white background.

Color Contrast Check

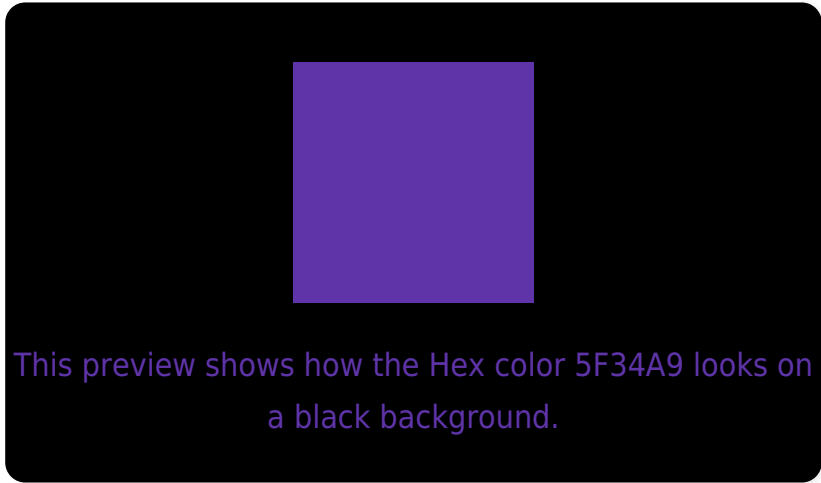
Large Text (above 18pt) WCAG AA ✓ Pass

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

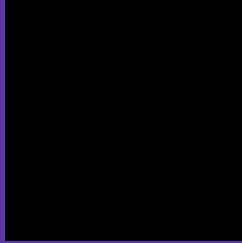
Any Text WCAG AA × Fail

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 5F34A9 Background



This preview shows how black text looks on a background with the Hex color 5F34A9.

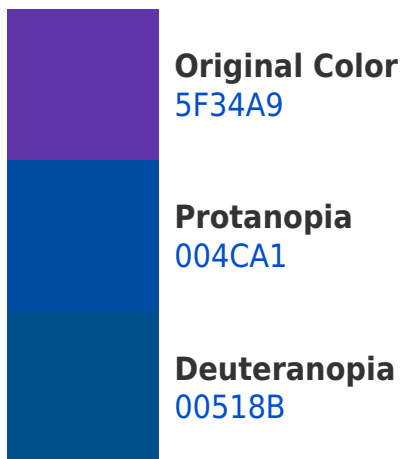


This preview shows how white text looks on a background with the Hex color 5F34A9.

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
4B4F56

Trichromacy



Original Color
5F34A9



Protanomaly
2343A4



Deuteranomaly
234696



Tritanomaly
524574

Monochromacy



Original Color
5F34A9



Achromatopsia
4E4E4E



Achromatomaly
54456F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F34A9 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 #5F34A9 looks like.

```
.text, #text, p{  
    color:#5F34A9  
}
```

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 #5F34A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F34A9
}
```

Border

The CSS property to change the border of an element to Hex 5F34A9 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
#5F34A9 }
```

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

```
.border{ border-color:#5F34A9 }
```

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

Here you see how a box with a 4 pixel #5F34A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F34A9; -webkit-box-shadow:4px 4px  
4px 4px #5F34A9; box-shadow:4px 4px 4px  
4px #5F34A9 }
```

Background

The CSS property to change the background color of an element to Hex 5F34A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F34A9 }
```

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

```
.background{ background-color:#5F34A9 }
```

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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