

Converting Colors

Hex(5A3F96)

Have a look what the booklet for
Hex(5A3F96) contains.

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Color

Hex(5A3F96)

Conversions

Conversions Part 1

Format	Color
Hex	5A3F96
RGB	90, 63, 150
RGB Percent	35%, 25%, 59%
CMY	0.6471, 0.7529, 0.4118
CMYK	0.40, 0.58, 0.00, 0.41
HSL	259°, 41%, 42%
HSV	259°, 58%, 59%
XYZ	11.4990, 7.9307, 29.7789
YIQ	80.9910, -11.8350, 32.7810

Conversions

Conversions Part 2

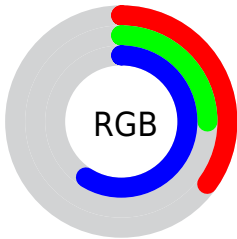
Format	Color
R_{YB}	90, 63, 150
Decimal	5914518
CIE _{Lab}	33.84, 32.47, -43.89
CIE _{LCh}	34, 54.600, 306.494
Yxy	7.9307, 0.2337, 0.1612
Android (android.graphics.Color)	4284104598 (0xFF5A3F96)
YUV	80.9910, 34.0214, 7.9009
Hunter-Lab	28.1615, 23.6031, -42.9822

Details

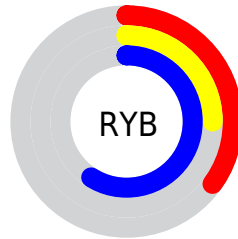
The Hex color **5A3F96** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7B963F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9070CD**, and **241262** is the 20% darker color. If you saturate the color by 10%, you get **503096**, and if you desaturate by 10%, it is **644E96**.

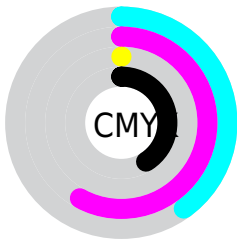
Distribution



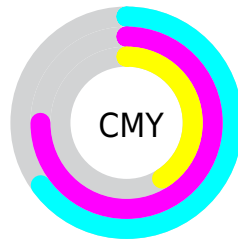
- Red (35%)
- Green (25%)
- Blue (59%)



- Red (35%)
- Yellow (25%)
- Blue (59%)



- Cyan (40%)
- Magenta (58%)
- Yellow (0%)
- Black (41%)



- Cyan (65%)
- Magenta (75%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3F96 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 5A3F96 by changing the saturation by 10% instead.

■ 5A3F96

■ 5A3F96

FFFFFF

■ 40287C

■ 9070CD

■ 241262

■ AB89E9

■ 05004A

■ C8A4FF

■ 000033

■ E4BFFF

■ 00021C

■ FFDBFF

■ 000000

■ FFF8FF

■ 5A3F96

■ 5A3F96

■ 503096

■ 644E96

452196

6F5D96

3B1296

796C96

310396

837B96

2F0096

8E8A96

989996

A2A896

ADB796

B7C696

Harmonies

Analogous

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



0052A7



5A3F96



892573

Triad

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



5A3F96



7C4000



006258

Complementary

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



5A3F96



7B963F

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.



00602B



5A3F96



595100

Square

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



5A3F96



94291E



295B00



006282

Rectangle

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



5A3F96



971857



295B00



006249

Sweetspot

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



5A3F96



ABA1C2



3F7C96



544E61



E0E0E0



616161

Same Dimension

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



5A3F96



643AC2



853F96



45434A



2B008A



03000A

Inverse Universe

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



963F7B



C23A98



50963F



4A4348



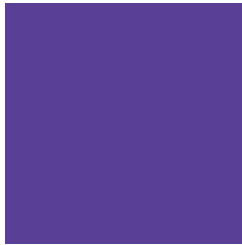
8A005F



0A0007

Previews

White Background



This preview shows how the Hex color 5A3F96 looks on a white background.

Color Contrast Check

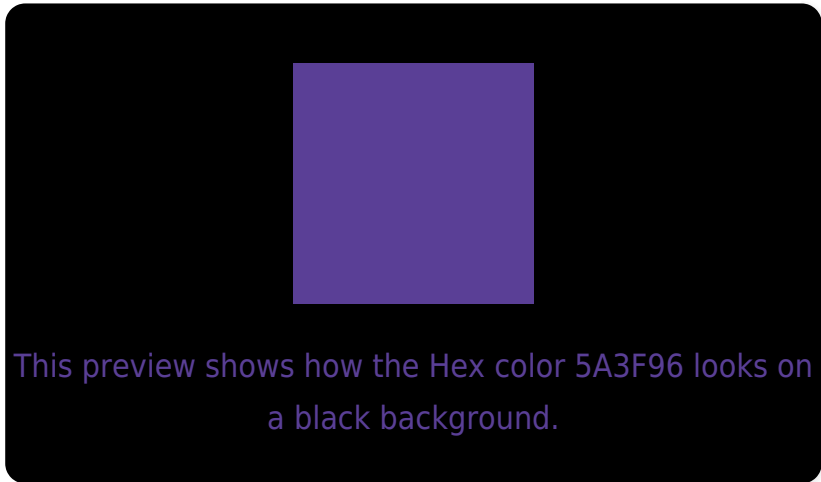
Large Text (above 18pt) WCAG AA ✓ Pass

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

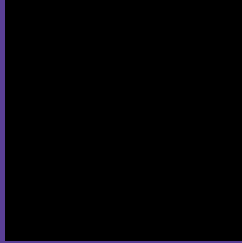
Any Text WCAG AA × Fail

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 5A3F96 Background



This preview shows how black text looks on a background with the Hex color 5A3F96.

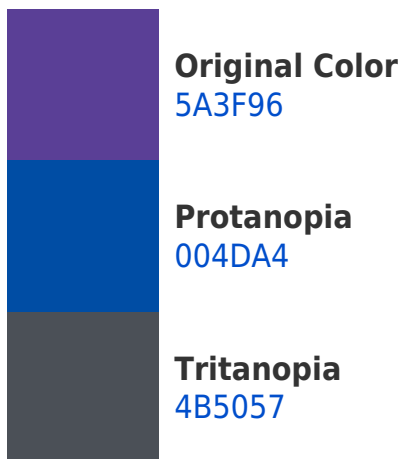


This preview shows how white text looks on a background with the Hex color 5A3F96.

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



Trichromacy



Original Color
5A3F96

Protanomaly
21489F

Tritanomaly
504A6E

Monochromacy



Original Color
5A3F96

Achromatopsia
515151

Achromatomaly
544A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3F96 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 #5A3F96 looks like.

```
.text, #text, p{  
    color:#5A3F96  
}
```

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 #5A3F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3F96
}
```

Border

The CSS property to change the border of an element to Hex 5A3F96 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
#5A3F96 }
```

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

```
.border{ border-color:#5A3F96 }
```

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

Here you see how a box with a 4 pixel #5A3F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3F96; -webkit-box-shadow:4px 4px  
4px 4px #5A3F96; box-shadow:4px 4px 4px  
4px #5A3F96 }
```

Background

The CSS property to change the background color of an element to Hex 5A3F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3F96 }
```

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

```
.background{ background-color:#5A3F96 }
```

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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