

Converting Colors

Hex(5A3CAD)

Have a look what the booklet for
Hex(5A3CAD) contains.

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Color

Hex(5A3CAD)

Conversions

Conversions Part 1

Format	Color
Hex	5A3CAD
RGB	90, 60, 173
RGB Percent	35%, 24%, 68%
CMY	0.6471, 0.7647, 0.3216
CMYK	0.48, 0.65, 0.00, 0.32
HSL	256°, 48%, 46%
HSV	256°, 65%, 68%
XYZ	13.3751, 8.4225, 40.4559
YIQ	81.8520, -18.3930, 41.5030

Conversions

Conversions Part 2

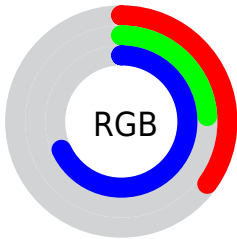
Format	Color
R _Y B	90, 60, 173
Decimal	5913773
CIE Lab	34.85, 40.90, -56.11
CIE LCh	35, 69.436, 306.087
Yxy	8.4225, 0.2148, 0.1353
Android (android.graphics.Color)	4284103853 (0xFF5A3CAD)
YUV	81.8520, 44.9360, 7.1458
Hunter-Lab	29.0216, 31.4774, -62.3349

Details

The Hex color **5A3CAD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8FAD3C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **926DE5**, and **1D0D78** is the 20% darker color. If you saturate the color by 10%, you get **4D2BAD**, and if you desaturate by 10%, it is **674DAD**.

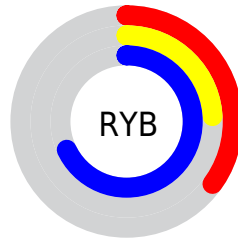
Distribution



Red (35%)

Green (24%)

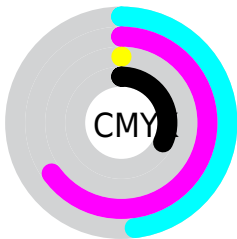
Blue (68%)



Red (35%)

Yellow (24%)

Blue (68%)

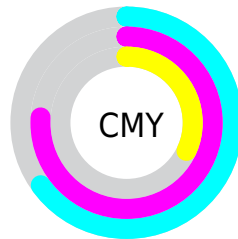


Cyan (48%)

Magenta (65%)

Yellow (0%)

Black (32%)



Cyan (65%)

Magenta (76%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3CAD 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 5A3CAD by changing the saturation by 10% instead.

■ 5A3CAD

■ 5A3CAD

FFFFFF

■ 3D2592

■ 926DE5

■ 1D0D78

■ AF87FF

■ 00005E

■ CCA2FF

■ 000046

■ E9BDFF

■ 00042E

■ FFD9FF

■ 000118

■ FFF6FF

■ 000000

■ 5A3CAD

■ 5A3CAD

■ 4D2BAD

■ 674DAD

■ 4119AD

■ 735FAD

■ 3408AD

■ 8070AD

■ 2E00AD

■ 8D81AD

■ 9A93AD

■ A6A4AD

■ B3B5AD

■ C0C6AD

■ CCD8AD

Harmonies

Analogous

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



0056C2



5A3CAD



9A0180

Triad

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



5A3CAD



873D00



00685C

Complementary

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



5A3CAD



8FAD3C

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.



006520



5A3CAD



5B5400

Square

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



5A3CAD



A50F13



176000



006893

Rectangle

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



5A3CAD



AB005C



176000



006749

Sweetspot

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



5A3CAD



BFB4E0



3C91AD



5C5570



F0F0F0



707070

Same Dimension

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



5A3CAD



6031E0



913CAD



504E57



280096



060017

Inverse Universe

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



AD3C8F



E031B2



58AD3C



574E54



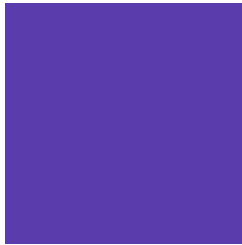
96006F



170011

Previews

White Background



This preview shows how the Hex color 5A3CAD looks on a white background.

Color Contrast Check

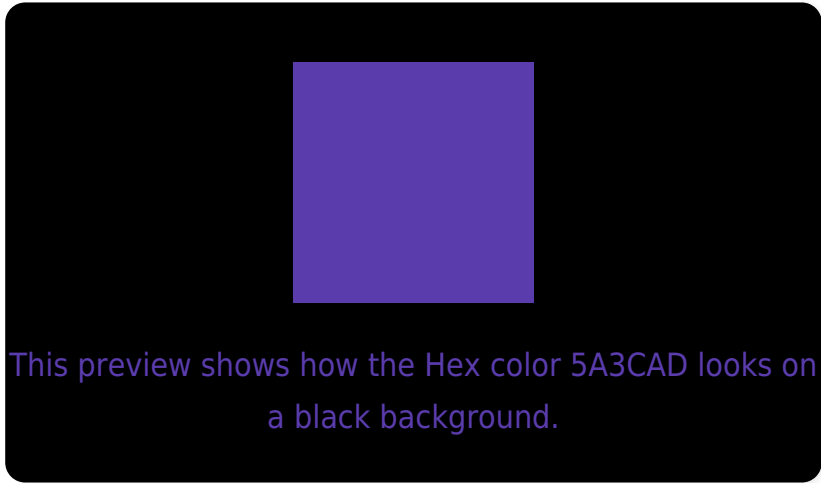
Large Text (above 18pt) WCAG AA ✓ Pass

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

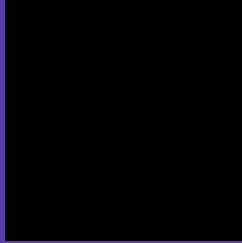
Any Text WCAG AA × Fail

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 5A3CAD Background



This preview shows how black text looks on a background with the Hex color 5A3CAD.

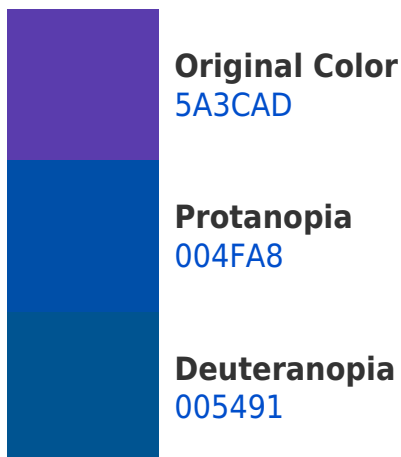


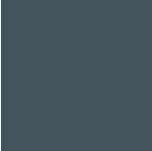
This preview shows how white text looks on a background with the Hex color 5A3CAD.

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
43555C

Trichromacy



Original Color
5A3CAD

Protanomaly
2148AA

Deuteranomaly
214B9B

Tritanomaly
4B4C79

Monochromacy



Original Color
5A3CAD

Achromatopsia
525252

Achromatomaly
554A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3CAD 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 #5A3CAD looks like.

```
.text, #text, p{  
    color:#5A3CAD  
}
```

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 #5A3CAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3CAD
}
```

Border

The CSS property to change the border of an element to Hex 5A3CAD 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
#5A3CAD }
```

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

```
.border{ border-color:#5A3CAD }
```

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

Here you see how a box with a 4 pixel #5A3CAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3CAD; -webkit-box-shadow:4px 4px  
4px 4px #5A3CAD; box-shadow:4px 4px 4px  
4px #5A3CAD }
```

Background

The CSS property to change the background color of an element to Hex 5A3CAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3CAD }
```

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

```
.background{ background-color:#5A3CAD }
```

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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