

# Converting Colors

Hex(5A32A5)

Have a look what the booklet for  
Hex(5A32A5) contains.

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# Color

Hex(5A32A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A32A5
RGB	90, 50, 165
RGB Percent	35%, 20%, 65%
CMY	0.6471, 0.8039, 0.3529
CMYK	0.45, 0.70, 0.00, 0.35
HSL	261°, 53%, 42%
HSV	261°, 70%, 65%
XYZ	12.1486, 7.1715, 36.3412
YIQ	75.0700, -13.0750, 44.2450

# Conversions

## Conversions Part 2

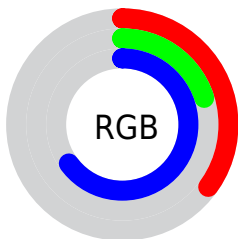
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 50, 165
Decimal	5911205
CIE <sub>Lab</sub>	32.19, 44.13, -55.64
CIE <sub>LCh</sub>	32, 71.015, 308.420
Yxy	7.1715, 0.2183, 0.1288
Android (android.graphics.Color)	4284101285 (0xFF5A32A5)
YUV	75.0700, 44.3355, 13.0936
Hunter-Lab	26.7796, 34.1123, -61.7137

# Details

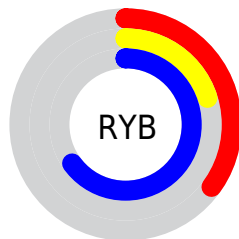
The Hex color **5A32A5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7DA532**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9263DD**, and **1E0070** is the 20% darker color. If you saturate the color by 10%, you get **4F21A5**, and if you desaturate by 10%, it is **6542A5**.

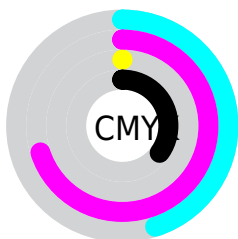
# Distribution



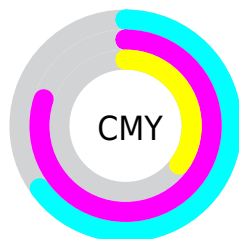
- Red (35%)
- Green (20%)
- Blue (65%)



- Red (35%)
- Yellow (20%)
- Blue (65%)



- Cyan (45%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (80%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A32A5 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 5A32A5 by changing the saturation by 10% instead.



■ 5A32A5

■ 5A32A5

FFFFFF

■ 3E1A8A

■ 9263DD

■ 1E0070

■ AE7DFA

■ 000057

■ CB98FF

■ 00003F

■ E9B3FF

■ 000328

■ FFCFFF

■ 000111

■ FFE8FF

■ 000000

■ 5A32A5

■ 5A32A5

■ 4F21A5

■ 6542A5

4411A5

7053A5

3A00A5

7A63A5

3900A5

8574A5

9084A5

9B95A5

A5A5A5

B0B6A5

BBC6A5

# Harmonies

## Analogous

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



004FBD



5A32A5



960076

# Triad

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



5A32A5



7D3900



00615B

# Complementary

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



5A32A5



7DA532

# 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.



005F1E



5A32A5



4F4F00

# Square

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



5A32A5



9D0105



005A00



006191

# Rectangle

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



5A32A5



A60051



005A00



006147



# Sweetspot

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



5A32A5



B9A9D6



327FA5



5A506B



EBEBEB



6B6B6B



# Same Dimension

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



5A32A5



6122D6



9232A5



4C4952



330091



060012



# Inverse Universe

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



A5327D



D62298



45A532



52494F



91005F

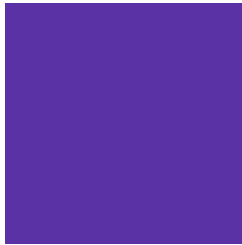


12000C



# Previews

## White Background



This preview shows how the Hex color 5A32A5 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 5A32A5 Background



This preview shows how black text looks on a background with the Hex color 5A32A5.

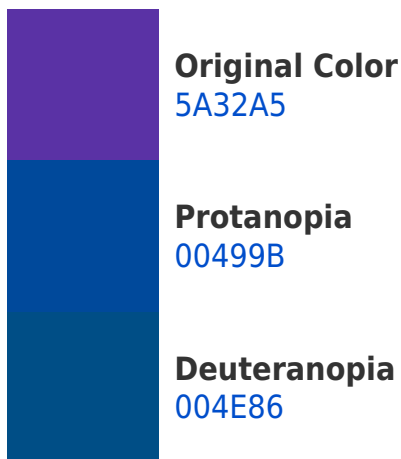


This preview shows how white text looks on a background with the Hex color 5A32A5.

# 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**  
454D53

# Trichromacy



**Original Color**  
5A32A5



**Protanomaly**  
21419F



**Deuteranomaly**  
214491



**Tritanomaly**  
4D4371

# Monochromacy



**Original Color**  
5A32A5



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
50426C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A32A5 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 #5A32A5 looks like.

```
.text, #text, p{  
    color:#5A32A5  
}
```

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 #5A32A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A32A5  
}
```

## Border

The CSS property to change the border of an element to Hex 5A32A5 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  
#5A32A5 }
```

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

```
.border{ border-color:#5A32A5 }
```

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

Here you see how a box with a 4 pixel #5A32A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A32A5; -webkit-box-shadow:4px 4px  
4px 4px #5A32A5; box-shadow:4px 4px 4px  
4px #5A32A5 }
```

# Background

The CSS property to change the background color of an element to Hex 5A32A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A32A5 }
```

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

```
.background{ background-color:#5A32A5 }
```

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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