

# Converting Colors

Hex(5A52A4)

Have a look what the booklet for  
Hex(5A52A4) contains.

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# Color

Hex(5A52A4)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A52A4
RGB	90, 82, 164
RGB Percent	35%, 32%, 64%
CMY	0.6471, 0.6784, 0.3569
CMYK	0.45, 0.50, 0.00, 0.36
HSL	246°, 33%, 48%
HSV	246°, 50%, 64%
XYZ	13.9346, 10.8886, 36.4892
YIQ	93.7400, -21.5540, 27.1980

# Conversions

## Conversions Part 2

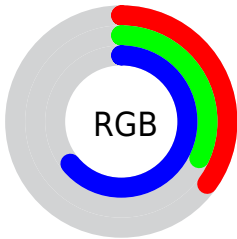
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 82, 164
Decimal	5919396
CIELab	39.39, 24.89, -43.42
CIElCh	39, 50.043, 299.822
Yxy	10.8886, 0.2273, 0.1776
Android (android.graphics.Color)	4284109476 (0xFF5A52A4)
YUV	93.7400, 34.6382, -3.2800
Hunter-Lab	32.9979, 17.6321, -42.4648

# Details

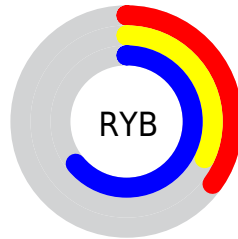
The Hex color **5A52A4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9CA452**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9084DC**, and **23256F** is the 20% darker color. If you saturate the color by 10%, you get **4B42A4**, and if you desaturate by 10%, it is **6962A4**.

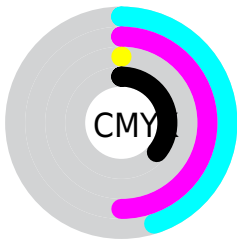
# Distribution



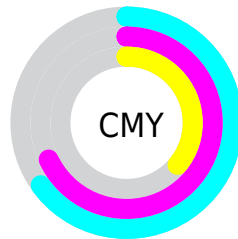
- Red (35%)
- Green (32%)
- Blue (64%)



- Red (35%)
- Yellow (32%)
- Blue (64%)



- Cyan (45%)
- Magenta (50%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (68%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A52A4 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 5A52A4 by changing the saturation by 10% instead.



■ 5A52A4

■ 5A52A4

FFFFFF

■ 3F3B89

■ 9084DC

■ 23256F

■ AC9EF8

■ 001157

■ C8B9FF

■ 00003F

■ E5D4FF

■ 000328

■ FFF1FF

■ 000112

■ 000000

■ 5A52A4

■ 5A52A4

■ 4B42A4

■ 6962A4

■ 3C31A4

■ 7873A4

■ 2E21A4

■ 8683A4

■ 1F10A4

■ 9594A4

■ 1000A4

■ A4A4A4

■ B3B4A4

■ C2C5A4

■ D0D5A4

■ DFE6A4

# Harmonies

## Analogous

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



0062AF



5A52A4



8D3E86

# Triad

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



5A52A4



8F4B12



006F5B

# Complementary

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



5A52A4



9CA452

# 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.



006C31



5A52A4



705B00

# Square

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



5A52A4



A23937



486607



006F84

# Rectangle

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



5A52A4



9E346C



486607



006F4D



# Sweetspot

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



5A52A4



B9B6D6



529DA4



5A586B



EBEBEB



6B6B6B



# Same Dimension

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



5A52A4



6256D6



8252A4



4A4952



0E0091



020012



# Inverse Universe

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



A4529C



D656CA



74A452



524951



910083



120010



# Previews

## White Background



This preview shows how the Hex color 5A52A4 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

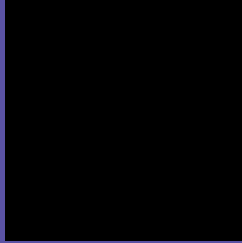
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A52A4 Background



This preview shows how black text looks on a background with the Hex color 5A52A4.



This preview shows how white text looks on a background with the Hex color 5A52A4.

# 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



**Original Color**  
5A52A4

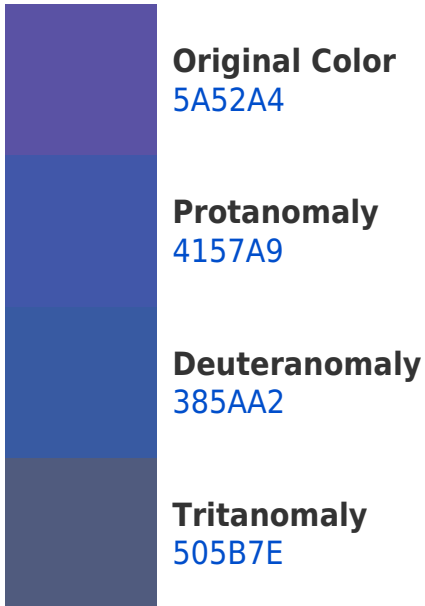
**Protanopia**  
325AAC

**Deuteranopia**  
255EA1

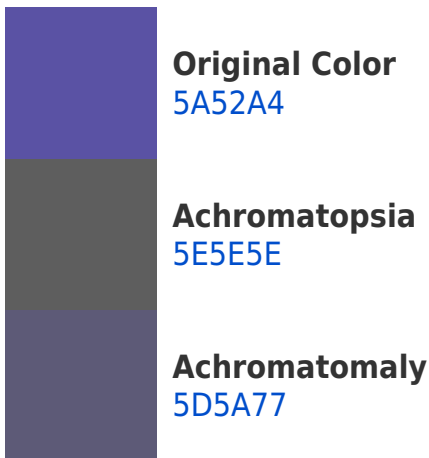


**Tritanopia**  
4A6068

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A52A4 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 #5A52A4 looks like.

```
.text, #text, p{  
    color:#5A52A4  
}
```

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 #5A52A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A52A4
}
```

## Border

The CSS property to change the border of an element to Hex 5A52A4 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
#5A52A4 }
```

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

```
.border{ border-color:#5A52A4 }
```

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

Here you see how a box with a 4 pixel #5A52A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A52A4; -webkit-box-shadow:4px 4px  
4px 4px #5A52A4; box-shadow:4px 4px 4px  
4px #5A52A4 }
```

# Background

The CSS property to change the background color of an element to Hex 5A52A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A52A4 }
```

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

```
.background{ background-color:#5A52A4 }
```

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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