

# Converting Colors

Hex(5E49A5)

Have a look what the booklet for  
Hex(5E49A5) contains.

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# Color

**Hex(5E49A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E49A5
RGB	94, 73, 165
RGB Percent	37%, 29%, 65%
CMY	0.6314, 0.7137, 0.3529
CMYK	0.43, 0.56, 0.00, 0.35
HSL	254°, 39%, 47%
HSV	254°, 56%, 65%
XYZ	13.7902, 9.8614, 36.7739
YIQ	89.7670, -17.0160, 33.0640

# Conversions

## Conversions Part 2

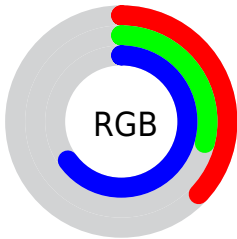
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 73, 165
Decimal	6179237
CIE <sub>Lab</sub>	37.59, 31.73, -46.88
CIE <sub>LCh</sub>	38, 56.608, 304.092
Yxy	9.8614, 0.2282, 0.1632
Android (android.graphics.Color)	4284369317 (0xFF5E49A5)
YUV	89.7670, 37.0899, 3.7123
Hunter-Lab	31.4028, 23.4311, -47.4489

# Details

The Hex color **5E49A5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **90A549**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **957ADD**, and **271C70** is the 20% darker color. If you saturate the color by 10%, you get **5138A5**, and if you desaturate by 10%, it is **6B59A5**.

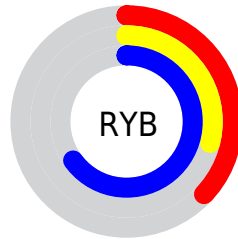
# Distribution



Red (37%)

Green (29%)

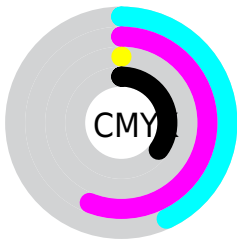
Blue (65%)



Red (37%)

Yellow (29%)

Blue (65%)

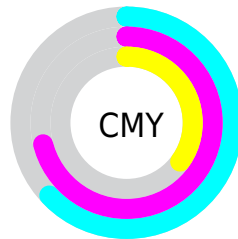


Cyan (43%)

Magenta (56%)

Yellow (0%)

Black (35%)



Cyan (63%)

Magenta (71%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E49A5 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 5E49A5 by changing the saturation by 10% instead.





5E49A5



5E49A5

FFFFFF



43328A



957ADD



271C70



B094FA



000757



CDAFFF



00003F



EACBFF



000328



FFE7FF



000112



000000



5E49A5



5E49A5



5138A5



6B59A5

4528A5

776AA5

3817A5

847AA5

2B07A5

918BA5

2600A5

9E9BA5

AAACA5

B7BCA5

C4CDA5

D1DDA5

# Harmonies

## Analogous

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



005CB5



5E49A5



932F81

# Triad

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



5E49A5



8A4700



006C5E

# Complementary

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



5E49A5



90A549

# 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.



006A2E



5E49A5



665900

# Square

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



5E49A5



A22F28



366400



006C8B

# Rectangle

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



5E49A5



A32264



366400



006C4E



# Sweetspot

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



5E49A5



BAB2D6



4991A5



5B566B



EBEBEB



6B6B6B



# Same Dimension

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



5E49A5



6747D6



8B49A5



4B4952



210091



040012



# Inverse Universe

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



A54990



D647B5



63A549



524950



910070



12000E



# Previews

## White Background



This preview shows how the Hex color 5E49A5 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

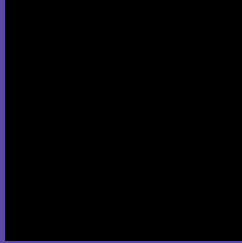
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E49A5 Background



This preview shows how black text looks on a background with the Hex color 5E49A5.

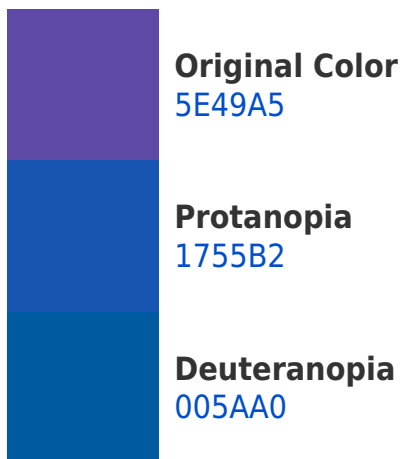


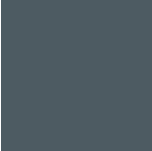
This preview shows how white text looks on a background with the Hex color 5E49A5.

# 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**  
4D5B62

# Trichromacy



**Original Color**  
5E49A5

**Protanomaly**  
3151AD

**Deuteranomaly**  
2254A2

**Tritanomaly**  
53547A

# Monochromacy



**Original Color**  
5E49A5

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5B5475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E49A5 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 #5E49A5 looks like.

```
.text, #text, p{  
    color:#5E49A5  
}
```

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 #5E49A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E49A5
}
```

## Border

The CSS property to change the border of an element to Hex 5E49A5 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
#5E49A5 }
```

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

```
.border{ border-color:#5E49A5 }
```

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

Here you see how a box with a 4 pixel #5E49A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E49A5; -webkit-box-shadow:4px 4px  
4px 4px #5E49A5; box-shadow:4px 4px 4px  
4px #5E49A5 }
```

# Background

The CSS property to change the background color of an element to Hex 5E49A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E49A5 }
```

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

```
.background{ background-color:#5E49A5 }
```

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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