

Converting Colors

Hex(5E4C9E)

Have a look what the booklet for
Hex(5E4C9E) contains.

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Color

Hex(5E4C9E)

Conversions

Conversions Part 1

Format	Color
Hex	5E4C9E
RGB	94, 76, 158
RGB Percent	37%, 30%, 62%
CMY	0.6314, 0.7020, 0.3804
CMYK	0.41, 0.52, 0.00, 0.38
HSL	253°, 35%, 46%
HSV	253°, 52%, 62%
XYZ	13.3721, 10.0172, 33.5765
YIQ	90.7300, -15.5940, 29.3180

Conversions

Conversions Part 2

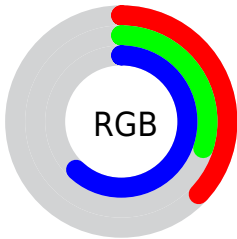
Format	Color
RYB	94, 76, 158
Decimal	6179998
CIELab	37.87, 27.84, -42.24
CIElCh	38, 50.585, 303.389
Yxy	10.0172, 0.2347, 0.1758
Android (android.graphics.Color)	4284370078 (0xFF5E4C9E)
YUV	90.7300, 33.1641, 2.8678
Hunter-Lab	31.6499, 20.0288, -40.7440

Details

The Hex color **5E4C9E** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8C9E4C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **947DD5**, and **291F6A** is the 20% darker color. If you saturate the color by 10%, you get **523C9E**, and if you desaturate by 10%, it is **6A5C9E**.

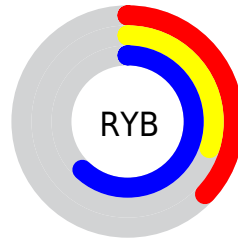
Distribution



Red (37%)

Green (30%)

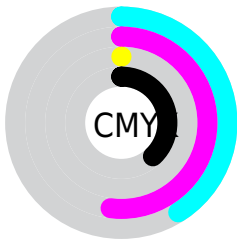
Blue (62%)



Red (37%)

Yellow (30%)

Blue (62%)

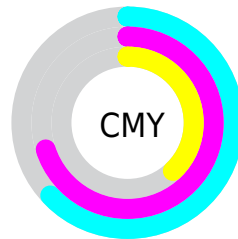


Cyan (41%)

Magenta (52%)

Yellow (0%)

Black (38%)



Cyan (63%)

Magenta (70%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4C9E 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 5E4C9E by changing the saturation by 10% instead.

■ 5E4C9E

■ 5E4C9E

FFFFFF

■ 443584

■ 947DD5

■ 291F6A

■ AF97F2

■ 080A51

■ CCB2FF

■ 00003A

■ E8CEFF

■ 000223

■ FFEAFF

■ 00000A

■ 000000

■ 5E4C9E

■ 5E4C9E

■ 523C9E

■ 6A5C9E

452C9E

776C9E

391D9E

837B9E

2D0D9E

8F8B9E

23009E

9C9B9E

A8AB9E

B4BB9E

C1CA9E

CDDA9E

Harmonies

Analogous

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



005DAB



5E4C9E



8D387F

Triad

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



5E4C9E



884907



006C5D

Complementary

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



5E4C9E



8C9E4C

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.



006932



5E4C9E



685900

Square

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



5E4C9E



9D362F



3E6306



006B85

Rectangle

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



5E4C9E



9D2E64



3E6306



006B4E

Sweetspot

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



5E4C9E



B5AECF



4C8C9E



595569



E8E8E8



696969

Same Dimension

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



5E4C9E



6B4ECF



874C9E



49474F



1F008F



03000F

Inverse Universe

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



9E4C8C



CF4EB2



639E4C



4F474D



8F006F



0F000C

Previews

White Background



This preview shows how the Hex color 5E4C9E 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

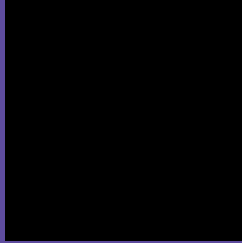
Any Text WCAG AA × Fail

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 5E4C9E Background



This preview shows how black text looks on a background with the Hex color 5E4C9E.

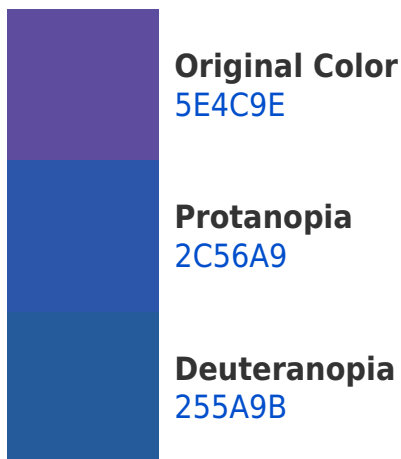


This preview shows how white text looks on a background with the Hex color 5E4C9E.

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](#).

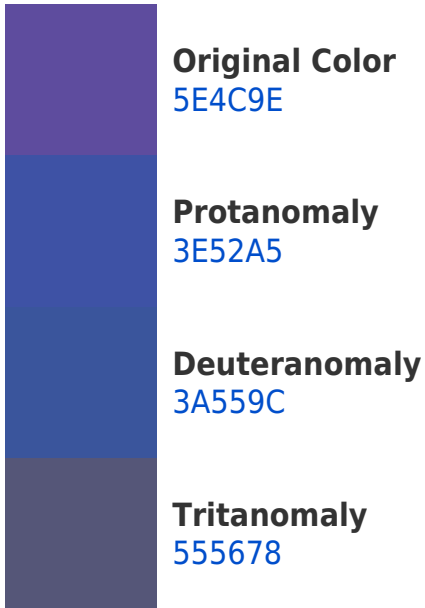
Dichromacy





Tritanopia
505B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4C9E 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 #5E4C9E looks like.

```
.text, #text, p{  
    color:#5E4C9E  
}
```

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 #5E4C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4C9E
}
```

Border

The CSS property to change the border of an element to Hex 5E4C9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

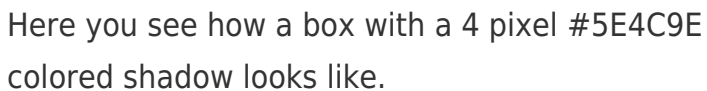
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4C9E }
```

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

```
.border{ border-color:#5E4C9E }
```

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



Here you see how a box with a 4 pixel #5E4C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4C9E; -webkit-box-shadow:4px 4px  
4px 4px #5E4C9E; box-shadow:4px 4px 4px  
4px #5E4C9E }
```

Background

The CSS property to change the background color of an element to Hex 5E4C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4C9E }
```

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

```
.background{ background-color:#5E4C9E }
```

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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