

Converting Colors

Hex(5E56BC)

Have a look what the booklet for
Hex(5E56BC) contains.

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Color

Hex(5E56BC)

Conversions

Conversions Part 1

Format	Color
Hex	5E56BC
RGB	94, 86, 188
RGB Percent	37%, 34%, 74%
CMY	0.6314, 0.6627, 0.2627
CMYK	0.50, 0.54, 0.00, 0.26
HSL	245°, 43%, 54%
HSV	245°, 54%, 74%
XYZ	17.0210, 12.6661, 49.1247
YIQ	100.0200, -27.9740, 33.4180

Conversions

Conversions Part 2

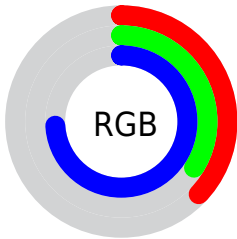
Format	Color
R _Y B	94, 86, 188
Decimal	6182588
CIE Lab	42.26, 30.73, -52.95
CIE LCh	42, 61.222, 300.125
Yxy	12.6661, 0.2160, 0.1607
Android (android.graphics.Color)	4284372668 (0xFF5E56BC)
YUV	100.0200, 43.3741, -5.2795
Hunter-Lab	35.5895, 23.0877, -56.9262

Details

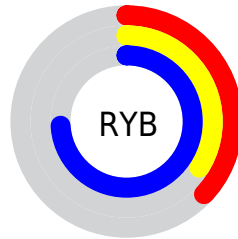
The Hex color **5E56BC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B4BC56**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9688F5**, and **212886** is the 20% darker color. If you saturate the color by 10%, you get **4D43BC**, and if you desaturate by 10%, it is **6F69BC**.

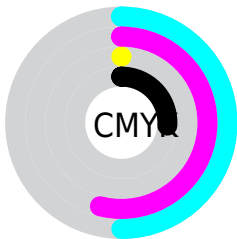
Distribution



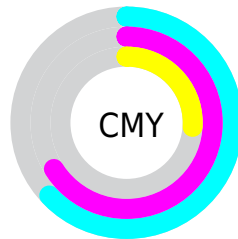
- Red (37%)
- Green (34%)
- Blue (74%)



- Red (37%)
- Yellow (34%)
- Blue (74%)



- Cyan (50%)
- Magenta (54%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (66%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E56BC 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 5E56BC by changing the saturation by 10% instead.

■ 5E56BC

■ 5E56BC

FFFFFF

■ 413FA1

■ 9688F5

■ 212886

■ B3A2FF

■ 00146C

■ D0BDFF

■ 000053

■ EDD9FF

■ 00063B

■ FFF6FF

■ 000224

■ 00000C

■ 000000

■ 5E56BC

■ 5E56BC

■ 4D43BC

■ 6F69BC

■ 3B30BC

■ 817CBC

■ 2A1EBC

■ 928EBC

■ 190BBC

■ A3A1BC

■ 0F00BC

■ B5B4BC

■ C6C7BC

■ D7DABC

■ E9ECBC

■ FAFFBC

Harmonies

Analogous

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



006ACA



5E56BC



9F3A97

Triad

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



5E56BC



9F4D00



007962

Complementary

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



5E56BC



B4BC56

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.



00762D



5E56BC



796200

Square

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



5E56BC



B73234



466F00



007A95

Rectangle

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



5E56BC



B42A77



466F00



007951

Sweetspot

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



5E56BC



D1CEF5



56B5BC



65637A



FAFAFA



7A7A7A

Same Dimension

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



5E56BC



6256F5



9056BC



56555E



0C009E



02001F

Inverse Universe

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



BC56B4



F556E8



82BC56



5E555E



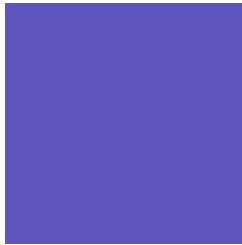
9E0092



1F001C

Previews

White Background



This preview shows how the Hex color 5E56BC 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

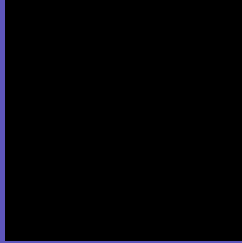
Any Text WCAG AA × Fail

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 5E56BC Background



This preview shows how black text looks on a background with the Hex color 5E56BC.




This preview shows how white text looks on a background with the Hex color 5E56BC.

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](#).

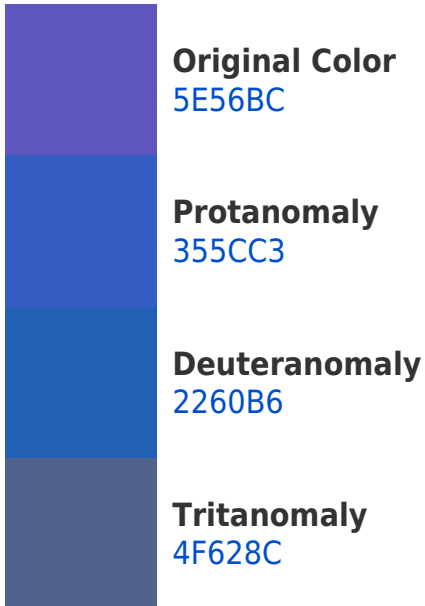
Dichromacy





Tritanopia
476971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E56BC 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 #5E56BC looks like.

```
.text, #text, p{  
    color:#5E56BC  
}
```

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 #5E56BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E56BC
}
```

Border

The CSS property to change the border of an element to Hex 5E56BC 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
#5E56BC }
```

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

```
.border{ border-color:#5E56BC }
```

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

Here you see how a box with a 4 pixel #5E56BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E56BC; -webkit-box-shadow:4px 4px  
4px 4px #5E56BC; box-shadow:4px 4px 4px  
4px #5E56BC }
```

Background

The CSS property to change the background color of an element to Hex 5E56BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E56BC }
```

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

```
.background{ background-color:#5E56BC }
```

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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