

Converting Colors

Hex(5F5E97)

Have a look what the booklet for
Hex(5F5E97) contains.

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Color

Hex(5F5E97)

Conversions

Conversions Part 1

Format	Color
Hex	5F5E97
RGB	95, 94, 151
RGB Percent	37%, 37%, 59%
CMY	0.6275, 0.6314, 0.4078
CMYK	0.37, 0.38, 0.00, 0.41
HSL	241°, 23%, 48%
HSV	241°, 38%, 59%
XYZ	14.3079, 12.6727, 30.9701
YIQ	100.7970, -17.7010, 17.9390

Conversions

Conversions Part 2

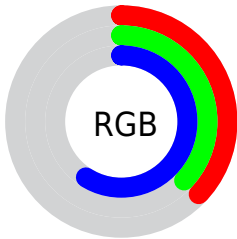
Format	Color
R_{YB}	95, 94, 151
Decimal	6250135
CIE _{Lab}	42.27, 14.83, -31.07
CIE _{LCh}	42, 34.431, 295.521
Yxy	12.6727, 0.2469, 0.2187
Android (android.graphics.Color)	4284440215 (0xFF5F5E97)
YUV	100.7970, 24.7501, -5.0840
Hunter-Lab	35.5987, 9.4455, -26.6620

Details

The Hex color **5F5E97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96975E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9390CE**, and **2D3064** is the 20% darker color. If you saturate the color by 10%, you get **504F97**, and if you desaturate by 10%, it is **6E6D97**.

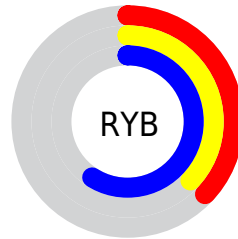
Distribution



Red (37%)

Green (37%)

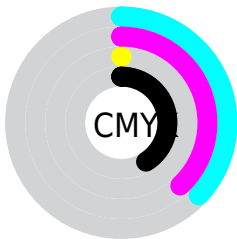
Blue (59%)



Red (37%)

Yellow (37%)

Blue (59%)

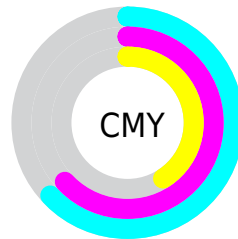


Cyan (37%)

Magenta (38%)

Yellow (0%)

Black (41%)



Cyan (63%)

Magenta (63%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5E97 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 5F5E97 by changing the saturation by 10% instead.

■ 5F5E97

■ 5F5E97

FFFFFF

■ 46467D

■ 9390CE

■ 2D3064

■ AFABEA

■ 121B4B

■ CBC6FF

■ 000135

■ E7E2FF

■ 00021F

■ 000001

■ 000000

■ 5F5E97

■ 5F5E97

■ 504F97

■ 6E6D97

■ 414097

■ 7D7C97

■ 323197

■ 8C8B97

■ 242297

■ 9A9A97

■ 151297

■ A9AA97

■ 060397

■ B8B997

■ 030097

■ C7C897

■ D6D797

■ E5E697

Harmonies

Analogous

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



23689C



5F5E97



835384

Triad

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



5F5E97



8D5636



00725E

Complementary

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



5F5E97



96975E

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.



396F42



5F5E97



78612A

Square

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



5F5E97



994E4D



5C692E



00727B

Rectangle

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



5F5E97



914E73



5C692E



147155

Sweetspot

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



5F5E97



AFAFC4



5E9697



575763



E3E3E3



636363

Same Dimension

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



5F5E97



6E6CC4



7B5E97



45454D



02008C



00000D

Inverse Universe

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



975E96



C46CC3



7A975E



4D454C



8C008A



0D000D

Previews

White Background



This preview shows how the Hex color 5F5E97 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



This preview shows how the Hex color 5F5E97 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

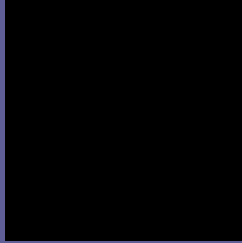
Any Text WCAG AA × Fail

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 5F5E97 Background



This preview shows how black text looks on a background with the Hex color 5F5E97.

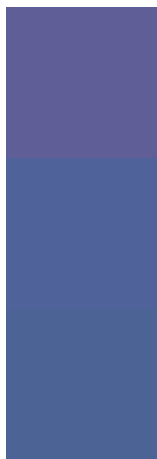


This preview shows how white text looks on a background with the Hex color 5F5E97.

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](#).

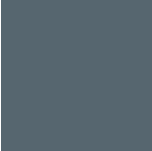
Dichromacy



Original Color
5F5E97

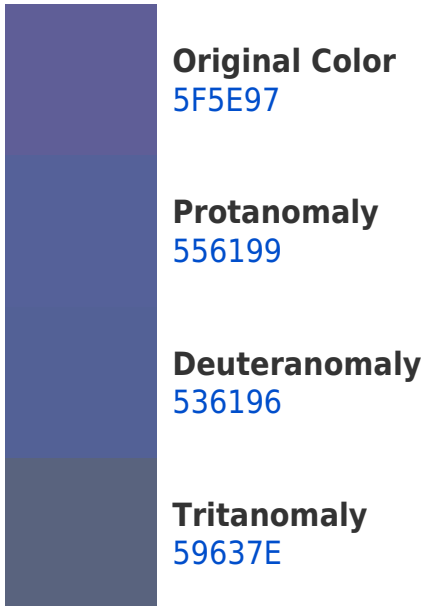
Protanopia
4F629A

Deuteranopia
4C6396



Tritanopia
56666F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5E97 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 #5F5E97 looks like.

```
.text, #text, p{  
    color:#5F5E97  
}
```

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 #5F5E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5E97
}
```

Border

The CSS property to change the border of an element to Hex 5F5E97 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
#5F5E97 }
```

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

```
.border{ border-color:#5F5E97 }
```

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

Here you see how a box with a 4 pixel #5F5E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5E97; -webkit-box-shadow:4px 4px  
4px 4px #5F5E97; box-shadow:4px 4px 4px  
4px #5F5E97 }
```

Background

The CSS property to change the background color of an element to Hex 5F5E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5E97 }
```

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

```
.background{ background-color:#5F5E97 }
```

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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