

Converting Colors

Hex(5E6FA9)

Have a look what the booklet for
Hex(5E6FA9) contains.

Hex(5E6FA9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E6FA9)

Conversions

Conversions Part 1

Format	Color
Hex	5E6FA9
RGB	94, 111, 169
RGB Percent	37%, 44%, 66%
CMY	0.6314, 0.5647, 0.3373
CMYK	0.44, 0.34, 0.00, 0.34
HSL	226°, 30%, 52%
HSV	226°, 44%, 66%
XYZ	17.4620, 16.6131, 39.8224
YIQ	112.5290, -28.7500, 14.4340

Conversions

Conversions Part 2

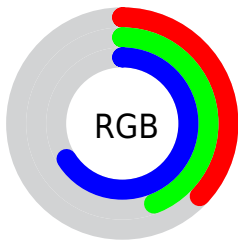
Format	Color
R_{YB}	94, 108, 169
Decimal	6188969
CIE Lab	47.77, 9.38, -33.08
CIE LCh	48, 34.384, 285.825
Yxy	16.6131, 0.2363, 0.2248
Android (android.graphics.Color)	4284379049 (0xFF5E6FA9)
YUV	112.5290, 27.8402, -16.2499
Hunter-Lab	40.7592, 5.1439, -29.3959

Details

The Hex color **5E6FA9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9985E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **94A2E1**, and **294075** is the 20% darker color. If you saturate the color by 10%, you get **4D62A9**, and if you desaturate by 10%, it is **6F7CA9**.

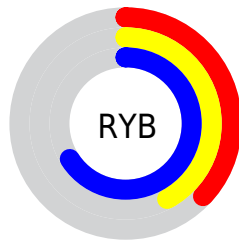
Distribution



Red (37%)

Green (44%)

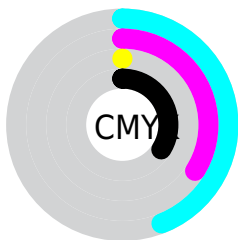
Blue (66%)



Red (37%)

Yellow (42%)

Blue (66%)

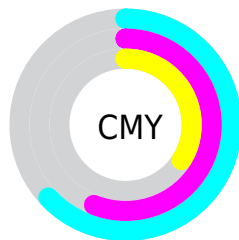


Cyan (44%)

Magenta (34%)

Yellow (0%)

Black (34%)



Cyan (63%)

Magenta (56%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6FA9 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 5E6FA9 by changing the saturation by 10% instead.

■ 5E6FA9

■ 5E6FA9

FFFFFF

■ 44578E

■ 94A2E1

■ 294075

■ AFBDFD

■ 072A5C

■ CBD9FF

■ 001644

■ E8F6FF

■ 00032D

■ 000118

■ 000000

■ 5E6FA9

■ 5E6FA9

■ 4D62A9

■ 6F7CA9

■ 3C55A9

■ 8089A9

■ 2B48A9

■ 9196A9

■ 1A3BA9

■ A2A3A9

■ 0A2EA9

■ B2B0A9

■ 0026A9

■ C3BDA9

■ D4CAA9

■ E5D8A9

■ F6E5A9

Harmonies

Analogous

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



1B78A9



5E6FA9



87649A

Triad

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



5E6FA9



A26149



287F62

Complementary

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



5E6FA9



A9985E

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.



537C48



5E6FA9



8F6B39

Square

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



5E6FA9



A95A63



747538



008080

Rectangle

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



5E6FA9



9A5E8A



747538



397E59

Sweetspot

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



5E6FA9



BFC5DB



5EA997



5C606E



EDEDED



6E6E6E

Same Dimension

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



5E6FA9



6781DB



725EA9



4C4E54



002294



000514

Inverse Universe

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



A95E6F



DB6781



95A95E



544C4E



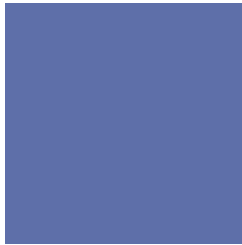
940022



140005

Previews

White Background



This preview shows how the Hex color 5E6FA9 looks on a white background.

Color Contrast Check

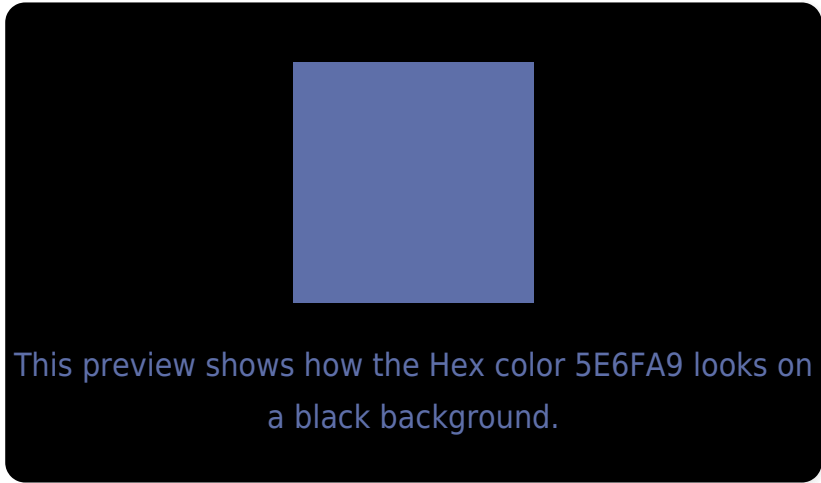
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E6FA9 Background



This preview shows how black text looks on a background with the Hex color 5E6FA9.

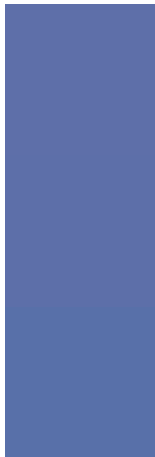


This preview shows how white text looks on a background with the Hex color 5E6FA9.

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
5E6FA9

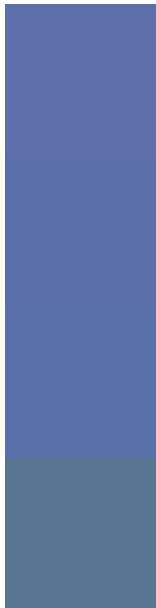
Protanopia
5D6FA9

Deuteranopia
5870A9



Tritanopia
537781

Trichromacy



Original Color
5E6FA9

Protanomaly
5D6FA9

Deuteranomaly
5A70A9

Tritanomaly
577490

Monochromacy



Original Color
5E6FA9

Achromatopsia
717171

Achromatomaly
6A7085

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6FA9 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 #5E6FA9 looks like.

```
.text, #text, p{  
    color:#5E6FA9  
}
```

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 #5E6FA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6FA9
}
```

Border

The CSS property to change the border of an element to Hex 5E6FA9 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
#5E6FA9 }
```

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

```
.border{ border-color:#5E6FA9 }
```

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

Here you see how a box with a 4 pixel #5E6FA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6FA9; -webkit-box-shadow:4px 4px  
4px 4px #5E6FA9; box-shadow:4px 4px 4px  
4px #5E6FA9 }
```

Background

The CSS property to change the background color of an element to Hex 5E6FA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6FA9 }
```

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

```
.background{ background-color:#5E6FA9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor