

Converting Colors

Hex(5E6693)

Have a look what the booklet for
Hex(5E6693) contains.

Hex(5E6693)	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(5E6693)

Conversions

Conversions Part 1

Format	Color
Hex	5E6693
RGB	94, 102, 147
RGB Percent	37%, 40%, 58%
CMY	0.6314, 0.6000, 0.4235
CMYK	0.36, 0.31, 0.00, 0.42
HSL	231°, 22%, 47%
HSV	231°, 36%, 58%
XYZ	14.6339, 13.9890, 29.5326
YIQ	104.7380, -19.2130, 12.2990

Conversions

Conversions Part 2

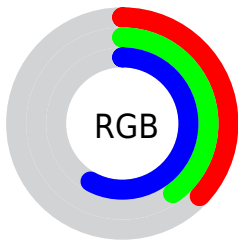
Format	Color
R_{YB}	94, 101, 147
Decimal	6186643
CIE _{Lab}	44.22, 8.43, -25.64
CIE _{LCh}	44, 26.990, 288.197
Yxy	13.9890, 0.2516, 0.2405
Android (android.graphics.Color)	4284376723 (0xFF5E6693)
YUV	104.7380, 20.8352, -9.4172
Hunter-Lab	37.4019, 4.3869, -20.6342

Details

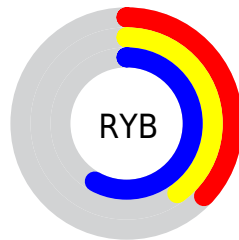
The Hex color **5E6693** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **938B5E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9299C9**, and **2D3760** is the 20% darker color. If you saturate the color by 10%, you get **4F5A93**, and if you desaturate by 10%, it is **6D7293**.

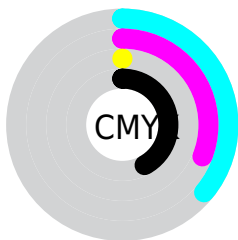
Distribution



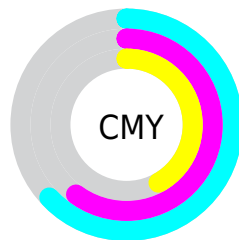
- Red (37%)
- Green (40%)
- Blue (58%)



- Red (37%)
- Yellow (40%)
- Blue (58%)



- Cyan (36%)
- Magenta (31%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6693 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 5E6693 by changing the saturation by 10% instead.

■ 5E6693

■ 5E6693

FFFFFF

■ 454E79

■ 9299C9

■ 2D3760

■ ADB4E5

■ 132248

■ C9CFFF

■ 000C31

■ E5EBFF

■ 00021C

■ 000000

■ 5E6693

■ 5E6693

■ 4F5A93

■ 6D7293

■ 414D93

■ 7B7F93

■ 324193

■ 8A8B93

■ 233493

■ 999893

■ 152893

■ A8A493

■ 061B93

■ B6B193

■ 001693

■ C5BD93

■ D4CA93

■ E2D693

Harmonies

Analogous

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



386D94



5E6693



7C5E87

Triad

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



5E6693



8E5C48



33745F

Complementary

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



5E6693



938B5E

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.



50714A



5E6693



7F643D

Square

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



5E6693



94575C



6A6B3D



0E7476

Rectangle

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



5E6693



8A597A



6A6B3D



3D7357

Sweetspot

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



5E6693



AAADBFB



5E938A



545661



E0E0E0



616161

Same Dimension

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



5E6693



6D79BF



705E93



43444A



00158A



00020A

Inverse Universe

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



935E66



BF6D79



81935E



4A4344



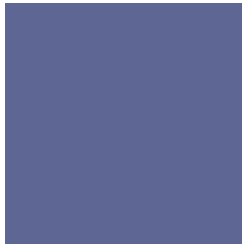
8A0015



0A0002

Previews

White Background



This preview shows how the Hex color 5E6693 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

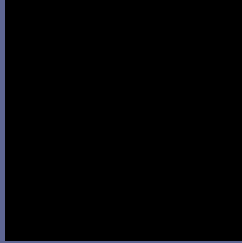
Any Text WCAG AA × Fail

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 5E6693 Background



This preview shows how black text looks on a background with the Hex color 5E6693.



This preview shows how white text looks on a background with the Hex color 5E6693.

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
5E6693

Protanopia
5A6794

Deuteranopia
596793



Tritanopia
576C75

Trichromacy



Original Color
5E6693

Protanomaly
5B6794

Deuteranomaly
5B6793

Tritanomaly
5A6A80

Monochromacy



Original Color
5E6693

Achromatopsia
696969

Achromatomaly
656878

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6693 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 #5E6693 looks like.

```
.text, #text, p{  
    color:#5E6693  
}
```

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 #5E6693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6693
}
```

Border

The CSS property to change the border of an element to Hex 5E6693 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
#5E6693 }
```

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

```
.border{ border-color:#5E6693 }
```

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

Here you see how a box with a 4 pixel #5E6693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6693; -webkit-box-shadow:4px 4px  
4px 4px #5E6693; box-shadow:4px 4px 4px  
4px #5E6693 }
```

Background

The CSS property to change the background color of an element to Hex 5E6693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6693 }
```

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

```
.background{ background-color:#5E6693 }
```

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