

Converting Colors

Hex(5E6697)

Have a look what the booklet for
Hex(5E6697) contains.

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Color

Hex(5E6697)

Conversions

Conversions Part 1

Format	Color
Hex	5E6697
RGB	94, 102, 151
RGB Percent	37%, 40%, 59%
CMY	0.6314, 0.6000, 0.4078
CMYK	0.38, 0.32, 0.00, 0.41
HSL	232°, 23%, 48%
HSV	232°, 38%, 59%
XYZ	14.9534, 14.1168, 31.2148
YIQ	105.1940, -20.4970, 13.5430

Conversions

Conversions Part 2

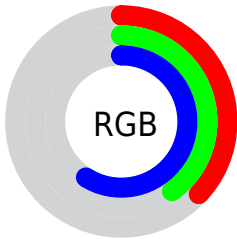
Format	Color
R_{YB}	94, 101, 151
Decimal	6186647
CIE _{Lab}	44.40, 9.58, -27.74
CIE _{LCh}	44, 29.344, 289.048
Yxy	14.1168, 0.2480, 0.2342
Android (android.graphics.Color)	4284376727 (0xFF5E6697)
YUV	105.1940, 22.5824, -9.8171
Hunter-Lab	37.5723, 5.2895, -22.9571

Details

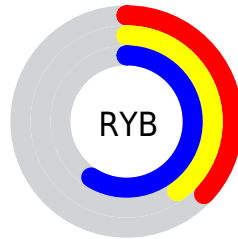
The Hex color **5E6697** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **978F5E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9299CD**, and **2C3764** is the 20% darker color. If you saturate the color by 10%, you get **4F5997**, and if you desaturate by 10%, it is **6D7397**.

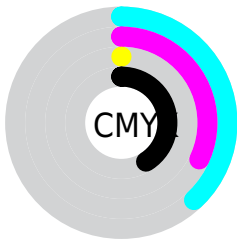
Distribution



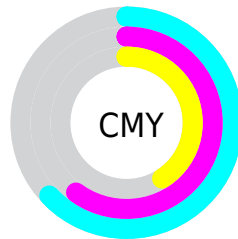
- Red (37%)
- Green (40%)
- Blue (59%)



- Red (37%)
- Yellow (40%)
- Blue (59%)



- Cyan (38%)
- Magenta (32%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6697 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 5E6697 by changing the saturation by 10% instead.

■ 5E6697

■ 5E6697

FFFFFF

■ 454E7D

■ 9299CD

■ 2C3764

■ ADB4EA

■ 12224C

■ C9CFFF

■ 000C35

■ E6EBFF

■ 00021F

■ 000002

■ 000000

■ 5E6697

■ 5E6697

■ 4F5997

■ 6D7397

■ 404C97

■ 7C8097

■ 313F97

■ 8B8D97

■ 223297

■ 9A9A97

■ 122597

■ AAA797

■ 031897

■ B9B497

■ 001597

■ C8C197

■ D7CE97

■ E6DB97

Harmonies

Analogous

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



316E98



5E6697



7F5D89

Triad

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



5E6697



915C45



2B755F

Complementary

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



5E6697



978F5E

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.



4D7248



5E6697



806439

Square

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



5E6697



98565A



696C3A



007678

Rectangle

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



5E6697



8D587B



696C3A



377557

Sweetspot

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



5E6697



AFB2C4



5E978E



575863



E3E3E3



636363

Same Dimension

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



5E6697



6C78C4



725E97



45464D



00148C



00020D

Inverse Universe

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



975E66



C46C78



83975E



4D4546



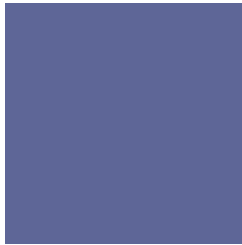
8C0014



0D0002

Previews

White Background



This preview shows how the Hex color 5E6697 looks on a white background.

Color Contrast Check

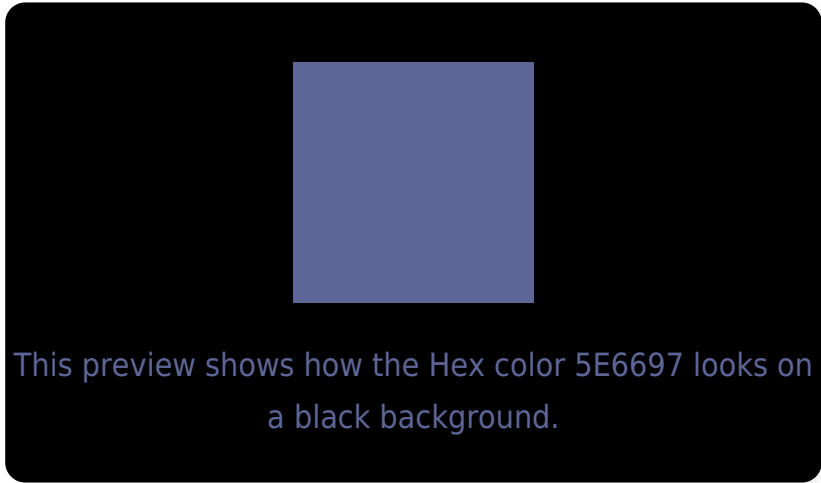
Large Text (above 18pt) WCAG AA ✓ Pass

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

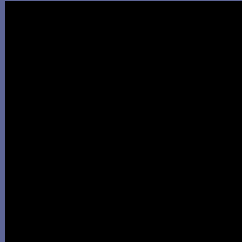
Any Text WCAG AA × Fail

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 5E6697 Background



This preview shows how black text looks on a background with the Hex color 5E6697.

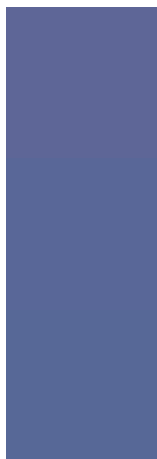


This preview shows how white text looks on a background with the Hex color 5E6697.

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
5E6697

Protanopia
596798

Deuteranopia
576897



Tritanopia
566D75

Trichromacy



Original Color
5E6697

Protanomaly
5B6798

Deuteranomaly
5A6797

Tritanomaly
596A81

Monochromacy



Original Color
5E6697

Achromatopsia
696969

Achromatomaly
65687A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6697 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 #5E6697 looks like.

```
.text, #text, p{  
    color:#5E6697  
}
```

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 #5E6697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6697
}
```

Border

The CSS property to change the border of an element to Hex 5E6697 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
#5E6697 }
```

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

```
.border{ border-color:#5E6697 }
```

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

Here you see how a box with a 4 pixel #5E6697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6697; -webkit-box-shadow:4px 4px  
4px 4px #5E6697; box-shadow:4px 4px 4px  
4px #5E6697 }
```

Background

The CSS property to change the background color of an element to Hex 5E6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6697 }
```

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

```
.background{ background-color:#5E6697 }
```

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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