

Converting Colors

Hex(5E6EA5)

Have a look what the booklet for
Hex(5E6EA5) contains.

Hex(5E6EA5)	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(5E6EA5)

Conversions

Conversions Part 1

Format	Color
Hex	5E6EA5
RGB	94, 110, 165
RGB Percent	37%, 43%, 65%
CMY	0.6314, 0.5686, 0.3529
CMYK	0.43, 0.33, 0.00, 0.35
HSL	226°, 28%, 51%
HSV	226°, 43%, 65%
XYZ	16.9836, 16.2482, 37.8384
YIQ	111.4860, -27.1910, 13.7130

Conversions

Conversions Part 2

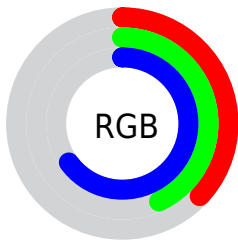
Format	Color
R _Y B	94, 107, 165
Decimal	6188709
CIE Lab	47.30, 8.78, -31.48
CIE LCh	47, 32.679, 285.593
Yxy	16.2482, 0.2390, 0.2286
Android (android.graphics.Color)	4284378789 (0xFF5E6EA5)
YUV	111.4860, 26.3824, -15.3352
Hunter-Lab	40.3090, 4.6674, -27.4397

Details

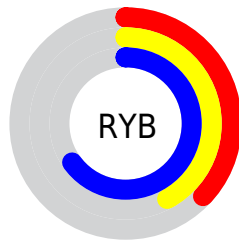
The Hex color **5E6EA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5955E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **93A1DC**, and **2A3F71** is the 20% darker color. If you saturate the color by 10%, you get **4E61A5**, and if you desaturate by 10%, it is **6E7BA5**.

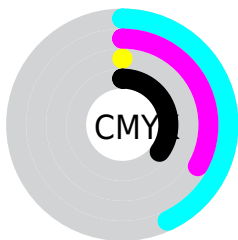
Distribution



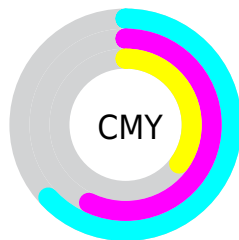
- Red (37%)
- Green (43%)
- Blue (65%)



- Red (37%)
- Yellow (42%)
- Blue (65%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6EA5 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 5E6EA5 by changing the saturation by 10% instead.

■ 5E6EA5

■ 5E6EA5

FFFFFF

■ 44568A

■ 93A1DC

■ 2A3F71

■ AFBCF9

■ 0A2958

■ CBD8FF

■ 001540

■ E8F4FF

■ 00032A

■ 000114

■ 000000

■ 5E6EA5

■ 5E6EA5

■ 4E61A5

■ 6E7BA5

■ 3D54A5

■ 7F88A5

■ 2C48A5

■ 8F94A5

■ 1C3BA5

■ A0A1A5

■ 0C2EA5

■ B0AEA5

■ 0025A5

■ C1BBA5

■ D2C7A5

■ E2D4A5

■ F3E1A5

Harmonies

Analogous

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



2477A5



5E6EA5



856497

Triad

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



5E6EA5



9F604A



2D7E62

Complementary

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



5E6EA5



A5955E

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.



547A49



5E6EA5



8D6A3B

Square

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



5E6EA5



A55A63



73733A



007F7E

Rectangle

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



5E6EA5



975E87



73733A



3C7D59

Sweetspot

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



5E6EA5



BAC1D6



5EA594



5A5E6B



EBEBEB



6B6B6B

Same Dimension

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



5E6EA5



6780D6



715EA5



494B52



002191



000412

Inverse Universe

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



A55E6E



D66780



92A55E



52494B



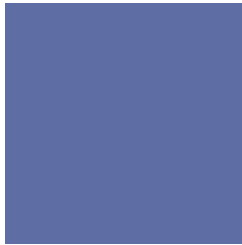
910021



120004

Previews

White Background



This preview shows how the Hex color 5E6EA5 looks on a white background.

Color Contrast Check

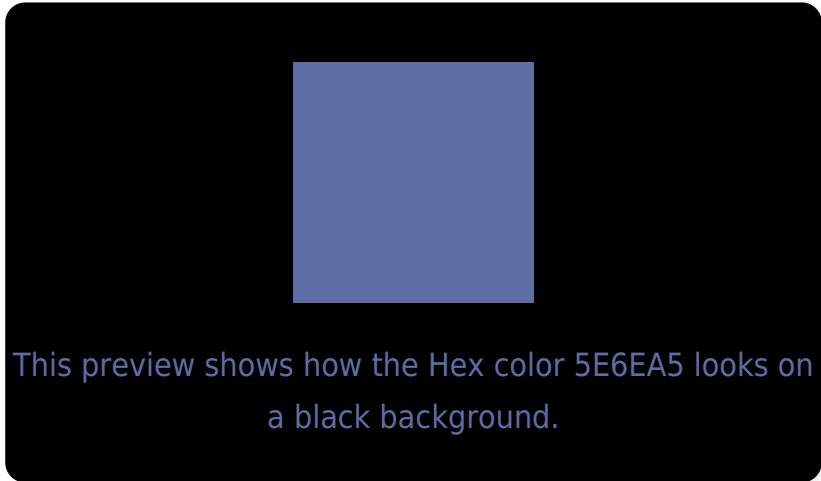
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E6EA5 Background



This preview shows how black text looks on a background with the Hex color 5E6EA5.



This preview shows how white text looks on a background with the Hex color 5E6EA5.

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
5E6EA5

Protanopia
5E6EA5

Deuteranopia
596FA5



Tritanopia
54767F

Trichromacy



Original Color
5E6EA5

Protanomaly
5E6EA5

Deuteranomaly
5B6FA5

Tritanomaly
58738D

Monochromacy



Original Color
5E6EA5

Achromatopsia
6F6F6F

Achromatomaly
696F83

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6EA5 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 #5E6EA5 looks like.

```
.text, #text, p{  
    color:#5E6EA5  
}
```

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 #5E6EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6EA5
}
```

Border

The CSS property to change the border of an element to Hex 5E6EA5 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
#5E6EA5 }
```

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

```
.border{ border-color:#5E6EA5 }
```

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

Here you see how a box with a 4 pixel #5E6EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6EA5; -webkit-box-shadow:4px 4px  
4px 4px #5E6EA5; box-shadow:4px 4px 4px  
4px #5E6EA5 }
```

Background

The CSS property to change the background color of an element to Hex 5E6EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6EA5 }
```

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

```
.background{ background-color:#5E6EA5 }
```

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