

Converting Colors

Hex(5E6AC8)

Have a look what the booklet for
Hex(5E6AC8) contains.

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Color

Hex(5E6AC8)

Conversions

Conversions Part 1

Format	Color
Hex	5E6AC8
RGB	94, 106, 200
RGB Percent	37%, 42%, 78%
CMY	0.6314, 0.5843, 0.2157
CMYK	0.53, 0.47, 0.00, 0.22
HSL	233°, 49%, 58%
HSV	233°, 53%, 78%
XYZ	20.1955, 16.8579, 56.8331
YIQ	113.1280, -37.3260, 26.6900

Conversions

Conversions Part 2

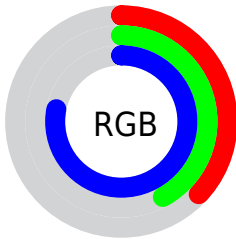
Format	Color
R_{YB}	94, 105, 200
Decimal	6187720
CIE _{Lab}	48.08, 22.15, -50.55
CIE _{LCh}	48, 55.189, 293.665
Yxy	16.8579, 0.2151, 0.1796
Android (android.graphics.Color)	4284377800 (0xFF5E6AC8)
YUV	113.1280, 42.8279, -16.7753
Hunter-Lab	41.0584, 15.9470, -53.3285

Details

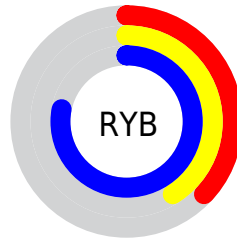
The Hex color **5E6AC8** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **C8BC5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **979DFF**, and **1F3B91** is the 20% darker color. If you saturate the color by 10%, you get **4A58C8**, and if you desaturate by 10%, it is **727CC8**.

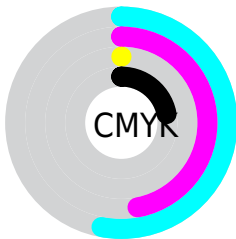
Distribution



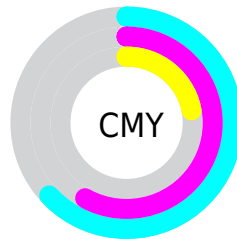
- Red (37%)
- Green (42%)
- Blue (78%)



- Red (37%)
- Yellow (41%)
- Blue (78%)



- Cyan (53%)
- Magenta (47%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6AC8 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 5E6AC8 by changing the saturation by 10% instead.

■ 5E6AC8

■ 5E6AC8

FFFFFF

■ 4152AC

■ 979DFF

■ 1F3B91

■ B4B8FF

■ 002677

■ D1D4FF

■ 00135E

■ EEFOFF

■ 000046

■ 00042E

■ 000119

■ 000000

■ 5E6AC8

■ 5E6AC8

■ 4A58C8

■ 727CC8

■ 3647C8

■ 868DC8

■ 2235C8

■ 9A9FC8

■ 0E23C8

■ AEB1C8

■ 0017C8

■ C2C3C8

■ D6D4C8

■ EAE6C8

■ FEF8C8

■ FFFFC8

Harmonies

Analogous

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



007BCF



5E6AC8



A155AA

Triad

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



5E6AC8



B25926



008766

Complementary

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



5E6AC8



C8BC5E

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.



228337



5E6AC8



916D00

Square

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



5E6AC8



C44750



657B0C



008896

Rectangle

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



5E6AC8



B9488E



657B0C



008656

Sweetspot

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



5E6AC8



D6DBFF



5EC8BC



676A80



000000



808080

Same Dimension

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



5E6AC8



5C6EFF



875EC8



5A5B63



0012A3



000424

Inverse Universe

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



C85E6A



FF5C6E



9FC85E



635A5B



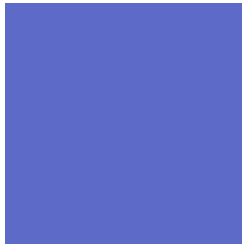
A30012



240004

Previews

White Background



This preview shows how the Hex color 5E6AC8 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 5E6AC8 Background



This preview shows how black text looks on a background with the Hex color 5E6AC8.

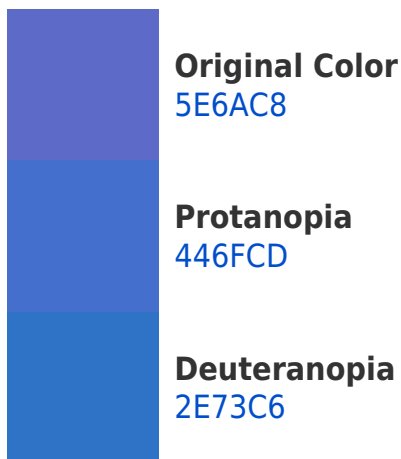



This preview shows how white text looks on a background with the Hex color 5E6AC8.

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](#).

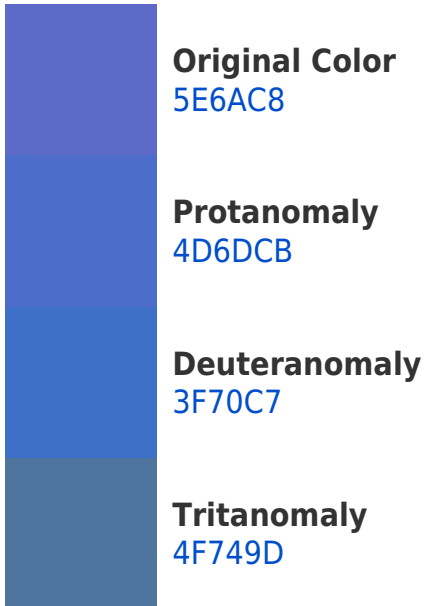
Dichromacy





Tritanopia
477A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6AC8 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 #5E6AC8 looks like.

```
.text, #text, p{  
    color:#5E6AC8  
}
```

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 #5E6AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6AC8
}
```

Border

The CSS property to change the border of an element to Hex 5E6AC8 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
#5E6AC8 }
```

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

```
.border{ border-color:#5E6AC8 }
```

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

Here you see how a box with a 4 pixel #5E6AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6AC8; -webkit-box-shadow:4px 4px  
4px 4px #5E6AC8; box-shadow:4px 4px 4px  
4px #5E6AC8 }
```

Background

The CSS property to change the background color of an element to Hex 5E6AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6AC8 }
```

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

```
.background{ background-color:#5E6AC8 }
```

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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