

# Converting Colors

Hex(5E71A2)

Have a look what the booklet for  
Hex(5E71A2) contains.

<b>Hex(5E71A2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5E71A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E71A2
RGB	94, 113, 162
RGB Percent	37%, 44%, 64%
CMY	0.6314, 0.5569, 0.3647
CMYK	0.42, 0.30, 0.00, 0.36
HSL	223°, 27%, 50%
HSV	223°, 42%, 64%
XYZ	17.0428, 16.7986, 36.5266
YIQ	112.9050, -27.0530, 11.2110

# Conversions

## Conversions Part 2

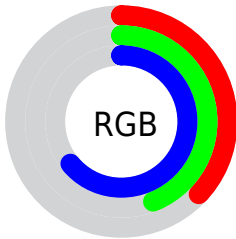
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 109, 162
Decimal	6189474
CIE <sub>Lab</sub>	48.01, 6.06, -28.61
CIE <sub>LCh</sub>	48, 29.249, 281.967
Yxy	16.7986, 0.2422, 0.2387
Android (android.graphics.Color)	4284379554 (0xFF5E71A2)
YUV	112.9050, 24.2038, -16.5797
Hunter-Lab	40.9861, 2.4982, -24.1488

# Details

The Hex color **5E71A2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A28F5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **93A5D9**, and **2A416E** is the 20% darker color. If you saturate the color by 10%, you get **4E65A2**, and if you desaturate by 10%, it is **6E7DA2**.

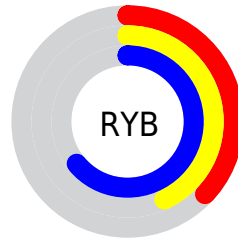
# Distribution



Red (37%)

Green (44%)

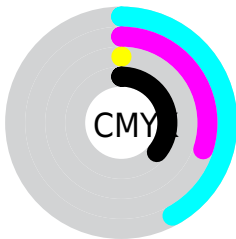
Blue (64%)



Red (37%)

Yellow (43%)

Blue (64%)

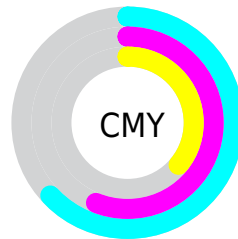


Cyan (42%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (63%)

Magenta (56%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E71A2 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 5E71A2 by changing the saturation by 10% instead.



■ 5E71A2

■ 5E71A2

FFFFFF

■ 445988

■ 93A5D9

■ 2A416E

■ AEC0F6

■ 0C2C55

■ CADBFF

■ 00183E

■ E7F8FF

■ 000328

■ 000112

■ 000000

■ 5E71A2

■ 5E71A2

■ 4E65A2

■ 6E7DA2

■ 3E5AA2

■ 7E88A2

■ 2D4EA2

■ 8F94A2

■ 1D42A2

■ 9FA0A2

■ 0D37A2

■ AFABA2

■ 002DA2

■ BFB7A2

■ CFC3A2

■ E0CEA2

■ F0DAA2

# Harmonies

## Analogous

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



3179A0



5E71A2



816897

# Triad

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



5E71A2



9E6352



3D7E62

# Complementary

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



5E71A2



A28F5E

# 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.



5D7A4C



5E71A2



8F6B43

# Square

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



5E71A2



A25F69



787441



147F7B

# Rectangle

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



5E71A2



92638A



787441



497D5A



# Sweetspot

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



5E71A2



B8C0D4



5EA28F



5A5F6B



EBEBEB



6B6B6B



# Same Dimension

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



5E71A2



6A87D4



6D5EA2



494C52



002991



000512



# Inverse Universe

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



A25E71



D46A87



93A25E



52494C



910029

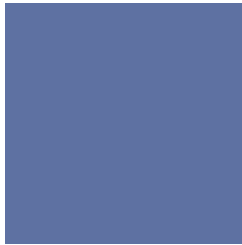


120005



# Previews

## White Background



This preview shows how the Hex color 5E71A2 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

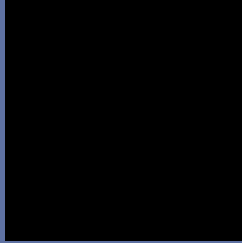
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

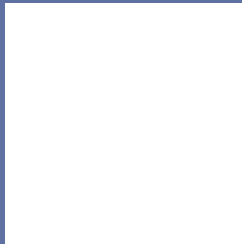
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E71A2 Background



This preview shows how black text looks on a background with the Hex color 5E71A2.

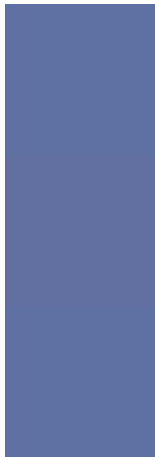


This preview shows how white text looks on a background with the Hex color 5E71A2.

# 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**  
5E71A2

**Protanopia**  
6270A1

**Deuteranopia**  
5F71A2



**Tritanopia**  
557781

# Trichromacy



**Original Color**  
5E71A2

**Protanomaly**  
6170A1

**Deuteranomaly**  
5F71A2

**Tritanomaly**  
58758D

# Monochromacy



**Original Color**  
5E71A2

**Achromatopsia**  
717171

**Achromatomaly**  
6A7183

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E71A2 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 #5E71A2 looks like.

```
.text, #text, p{  
    color:#5E71A2  
}
```

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 #5E71A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E71A2
}
```

## Border

The CSS property to change the border of an element to Hex 5E71A2 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
#5E71A2 }
```

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

```
.border{ border-color:#5E71A2 }
```

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

Here you see how a box with a 4 pixel #5E71A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E71A2; -webkit-box-shadow:4px 4px  
4px 4px #5E71A2; box-shadow:4px 4px 4px  
4px #5E71A2 }
```

# Background

The CSS property to change the background color of an element to Hex 5E71A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E71A2 }
```

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

```
.background{ background-color:#5E71A2 }
```

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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