

Converting Colors

Hex(5C72A5)

Have a look what the booklet for
Hex(5C72A5) contains.

Hex(5C72A5)	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(5C72A5)

Conversions

Conversions Part 1	
Format	Color
Hex	5C72A5
RGB	92, 114, 165
RGB Percent	36%, 45%, 65%
CMY	0.6392, 0.5529, 0.3529
CMYK	0.44, 0.31, 0.00, 0.35
HSL	222°, 29%, 50%
HSV	222°, 44%, 65%
XYZ	17.2225, 17.0266, 37.9760
YIQ	113.2360, -29.4830, 11.1970

Conversions

Conversions Part 2

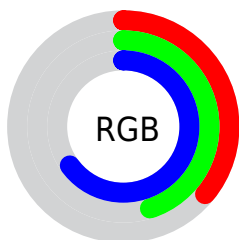
Format	Color
RYB	92, 109, 165
Decimal	6058661
CIELab	48.29, 5.81, -29.93
CIELCh	48, 30.490, 280.984
Yxy	17.0266, 0.2385, 0.2357
Android (android.graphics.Color)	4284248741 (0xFF5C72A5)
YUV	113.2360, 25.5197, -18.6240
Hunter-Lab	41.2632, 2.2918, -25.6824

Details

The Hex color **5C72A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A58F5C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **91A6DC**, and **274271** is the 20% darker color. If you saturate the color by 10%, you get **4B66A5**, and if you desaturate by 10%, it is **6C7EA5**.

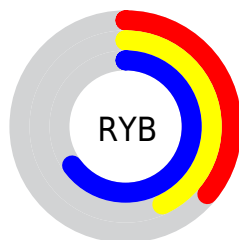
Distribution



Red (36%)

Green (45%)

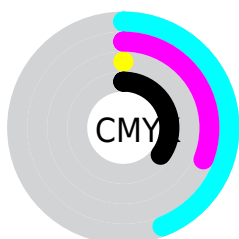
Blue (65%)



Red (36%)

Yellow (43%)

Blue (65%)

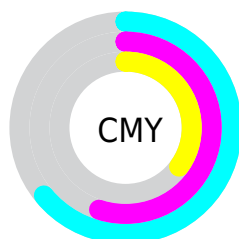


Cyan (44%)

Magenta (31%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C72A5 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 5C72A5 by changing the saturation by 10% instead.



5C72A5



5C72A5

FFFFFF



425A8B



91A6DC



274271



ADC1F9



062D58



C9DDFF



001840



E6F9FF



00032A



000114



000000



5C72A5



5C72A5



4B66A5



6C7EA5

 3B5BA5 7D89A5 2A4FA5 8D95A5 1A44A5 9EA0A5 0938A5 AEACA5 0032A5 BFB7A5 CFC3A5 E0CEA5 F0DAA5

Harmonies

Analogous

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



2A7AA3



5C72A5



82689A

Triad

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



5C72A5



A06352



3C7F61

Complementary

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



5C72A5



A58F5C

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.



5E7B4B



5C72A5



916B42

Square

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



5C72A5



A45E6A



7A743F



09807C

Rectangle

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



5C72A5



94638C



7A743F



487E59

Sweetspot

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



5C72A5



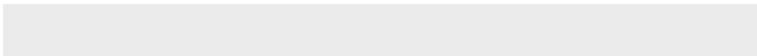
BAC3D6



5CA58E



5A5F6B



EBEBEB



6B6B6B

Same Dimension

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



5C72A5



6587D6



695CA5



494C52



002C91



000512

Inverse Universe

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



A55C72



D66587



98A55C



52494C



91002C



120005

Previews

White Background



This preview shows how the Hex color 5C72A5 looks on a white background.

Color Contrast Check

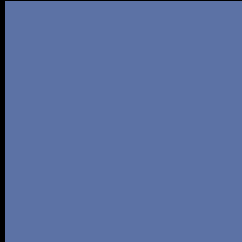
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5C72A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

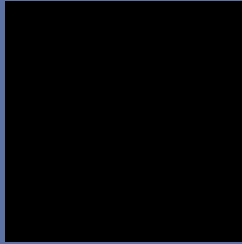
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

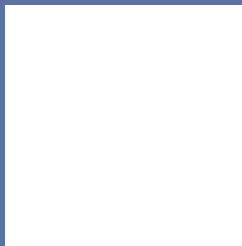
Any Text WCAG AAA × Fail

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

Hex 5C72A5 Background



This preview shows how black text looks on a background with the Hex color 5C72A5.

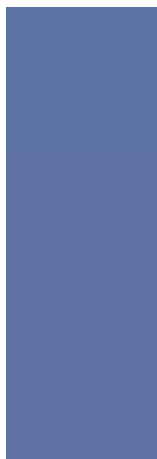


This preview shows how white text looks on a background with the Hex color 5C72A5.

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

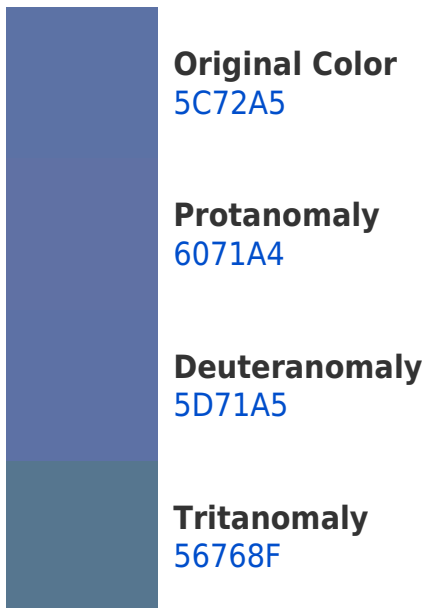


Original Color
5C72A5

Protanopia
6271A4

Deuteranopia
5E71A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C72A5 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 #5C72A5 looks like.

```
.text, #text, p{  
    color:#5C72A5  
}
```

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 #5C72A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C72A5
}
```

Border

The CSS property to change the border of an element to Hex 5C72A5 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
#5C72A5 }
```

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

```
.border{ border-color:#5C72A5 }
```

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

Here you see how a box with a 4 pixel #5C72A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C72A5; -webkit-box-shadow:4px 4px  
4px 4px #5C72A5; box-shadow:4px 4px 4px  
4px #5C72A5 }
```

Background

The CSS property to change the background color of an element to Hex 5C72A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C72A5 }
```

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

```
.background{ background-color:#5C72A5 }
```

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