

# Converting Colors

Hex(5C6484)

Have a look what the booklet for  
Hex(5C6484) contains.

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# Color

Hex(5C6484)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C6484
RGB	92, 100, 132
RGB Percent	36%, 39%, 52%
CMY	0.6392, 0.6078, 0.4824
CMYK	0.30, 0.24, 0.00, 0.48
HSL	228°, 18%, 44%
HSV	228°, 30%, 52%
XYZ	13.1357, 13.0556, 23.6575
YIQ	101.2560, -15.0400, 8.2560

# Conversions

## Conversions Part 2

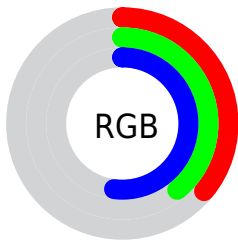
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 99, 132
Decimal	6055044
CIE Lab	42.85, 4.86, -18.78
CIE LCh	43, 19.394, 284.507
Yxy	13.0556, 0.2635, 0.2619
Android (android.graphics.Color)	4284245124 (0xFF5C6484)
YUV	101.2560, 15.1568, -8.1175
Hunter-Lab	36.1325, 1.6602, -13.5268

# Details


The Hex color **5C6484** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **847C5C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8F97B9**, and **2C3652** is the 20% darker color. If you saturate the color by 10%, you get **4F5984**, and if you desaturate by 10%, it is **696F84**.

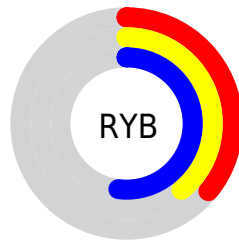
# Distribution




 Red (36%)

 Green (39%)

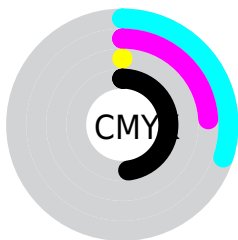
 Blue (52%)





 Red (36%)

 Yellow (39%)

 Blue (52%)

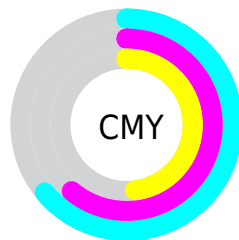


 Cyan (30%)

 Magenta (24%)

 Yellow (0%)

 Black (48%)



 Cyan (64%)

 Magenta (61%)

 Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C6484 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 5C6484 by changing the saturation by 10% instead.





5C6484



5C6484

FFFFFF



444C6B



8F97B9



2C3652



AAB1D5



15203B



C5CDF1



000926



E2E9FF



00010F

FEFFFF



000000



5C6484



5C6484



4F5984



696F84



424F84



767984

■ 344484

■ 848484

■ 273A84

■ 918E84

■ 1A2F84

■ 9E9984

■ 0D2584

■ ABA384

■ 001A84

■ B8AE84

■ C6B884

■ D3C384

# Harmonies

## Analogous

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



456984



5C6484



715E7C

# Triad

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



5C6484



825C4F



446D5C

# Complementary

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



5C6484



847C5C

# 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.



576B4E



5C6484



786147

# Square

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



5C6484



85595E



696746



366E6D

# Rectangle

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



5C6484



7C5B73



696746



4A6D57



# Sweetspot

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



5C6484



9B9FAB



5C847C



4D4F57



D6D6D6



575757



# Same Dimension

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



5C6484



6D7AAB



685C84



3C3D42



001A82



000103



# Inverse Universe

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



845C64



AB6D7A



78845C



423C3D



82001A



030001



# Previews

## White Background



This preview shows how the Hex color 5C6484 looks on a white background.

## Color Contrast Check

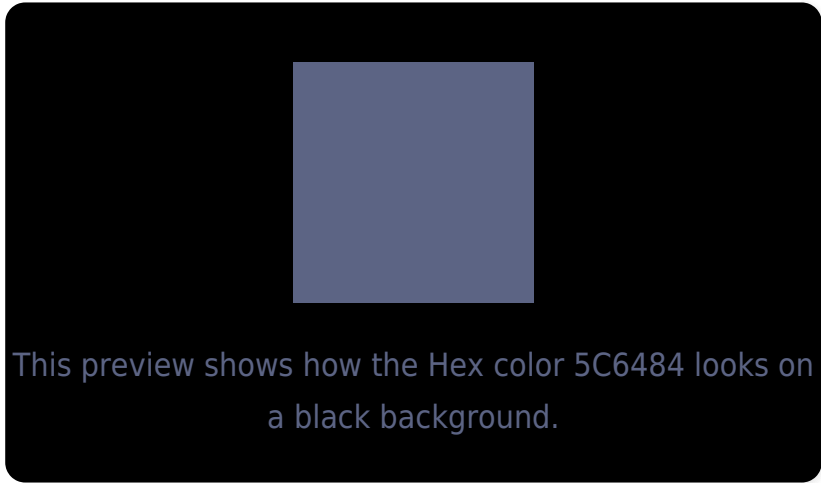
Large Text (above 18pt) WCAG AA ✓ Pass

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

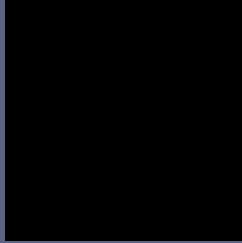
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

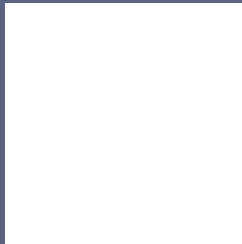
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C6484 Background



This preview shows how black text looks on a background with the Hex color 5C6484.



This preview shows how white text looks on a background with the Hex color 5C6484.

# 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**

5C6484

**Protanopia**

5C6484

**Deuteranopia**

5E6384



**Tritanopia**  
586870

# Trichromacy



**Original Color**  
5C6484

**Protanomaly**  
5C6484

**Deuteranomaly**  
5D6384

**Tritanomaly**  
596777

# Monochromacy



**Original Color**  
5C6484

**Achromatopsia**  
656565

**Achromatomaly**  
626570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C6484 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 #5C6484 looks like.

```
.text, #text, p{  
    color:#5C6484  
}
```

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 #5C6484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6484
}
```

## Border

The CSS property to change the border of an element to Hex 5C6484 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
#5C6484 }
```

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

```
.border{ border-color:#5C6484 }
```

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

Here you see how a box with a 4 pixel #5C6484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6484; -webkit-box-shadow:4px 4px  
4px 4px #5C6484; box-shadow:4px 4px 4px  
4px #5C6484 }
```

# Background

The CSS property to change the background color of an element to Hex 5C6484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6484 }
```

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

```
.background{ background-color:#5C6484 }
```

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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