

# Converting Colors

Hex(5C6991)

Have a look what the booklet for  
Hex(5C6991) contains.

<b>Hex(5C6991)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5C6991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C6991
RGB	92, 105, 145
RGB Percent	36%, 41%, 57%
CMY	0.6392, 0.5882, 0.4314
CMYK	0.37, 0.28, 0.00, 0.43
HSL	225°, 22%, 46%
HSV	225°, 37%, 57%
XYZ	14.5760, 14.4228, 28.8037
YIQ	105.6730, -20.5880, 9.6840

# Conversions

## Conversions Part 2

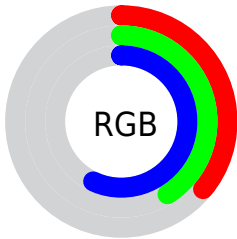
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 102, 145
Decimal	6056337
CIE Lab	44.83, 5.42, -23.50
CIE LCh	45, 24.120, 282.983
Yxy	14.4228, 0.2522, 0.2495
Android (android.graphics.Color)	4284246417 (0xFF5C6991)
YUV	105.6730, 19.3882, -11.9912
Hunter-Lab	37.9774, 2.0495, -18.3840

# Details

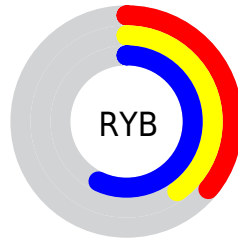
The Hex color **5C6991** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91845C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **909CC7**, and **2B3A5E** is the 20% darker color. If you saturate the color by 10%, you get **4E5E91**, and if you desaturate by 10%, it is **6B7491**.

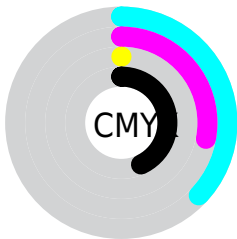
# Distribution



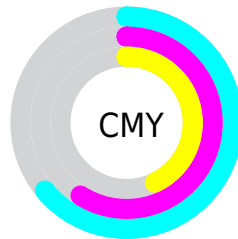
- Red (36%)
- Green (41%)
- Blue (57%)



- Red (36%)
- Yellow (40%)
- Blue (57%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (59%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C6991 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 5C6991 by changing the saturation by 10% instead.



■ 5C6991

■ 5C6991

FFFFFF

■ 435177

■ 909CC7

■ 2B3A5E

■ ABB7E3

■ 112546

■ C7D2FF

■ 001030

■ E3EFFF

■ 00011B

■ 000000

■ 5C6991

■ 5C6991

■ 4E5E91

■ 6B7491

■ 3F5391

■ 797F91

■ 314891

■ 888A91

■ 223D91

■ 969591

■ 143291

■ A4A091

■ 052791

■ B3AB91

■ 002491

■ C2B691

■ D0C191

■ DF CB91

# Harmonies

## Analogous

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



3C6F90



5C6991



786288

# Triad

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



5C6991



8E5E50



40745E

# Complementary

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



5C6991



91845C

# 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.



59714C



5C6991



826544

# Square

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



5C6991



925B62



6F6C42



297572

# Rectangle

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



5C6991



855E7D



6F6C42



497357



# Sweetspot

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



5C6991



A8ADB8



5C9184



52555E



DEDEDE



5E5E5E



# Same Dimension

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



5C6991



6A7EBD



695C91



404247



002187



000208



# Inverse Universe

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



915C69



BD6A7E



84915C



474042



870021



080002



# Previews

## White Background



This preview shows how the Hex color 5C6991 looks on a white background.

## Color Contrast Check

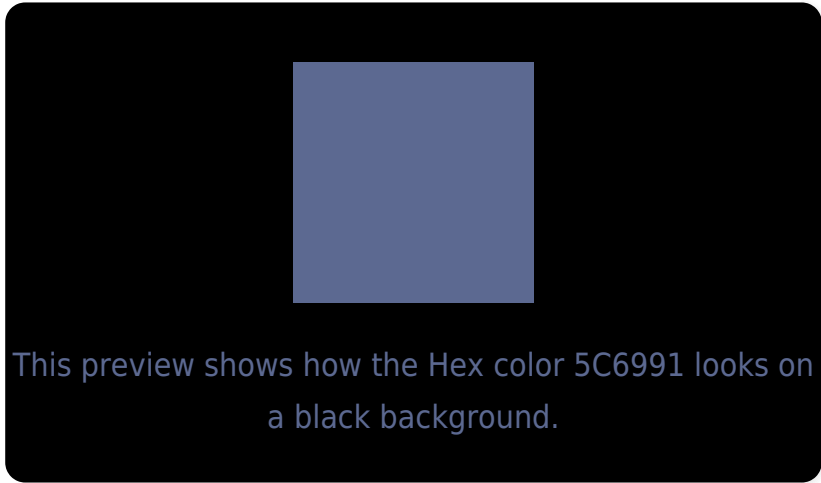
Large Text (above 18pt) WCAG AA ✓ Pass

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

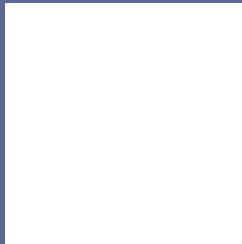
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C6991 Background



This preview shows how black text looks on a background with the Hex color 5C6991.



This preview shows how white text looks on a background with the Hex color 5C6991.

# 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**  
5C6991

**Protanopia**  
5E6891

**Deuteranopia**  
5E6991



**Tritanopia**  
566E77

# Trichromacy



**Original Color**  
5C6991

**Protanomaly**  
5D6891

**Deuteranomaly**  
5D6991

**Tritanomaly**  
586C80

# Monochromacy



**Original Color**  
5C6991

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
656A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C6991 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 #5C6991 looks like.

```
.text, #text, p{  
    color:#5C6991  
}
```

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 #5C6991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6991
}
```

## Border

The CSS property to change the border of an element to Hex 5C6991 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
#5C6991 }
```

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

```
.border{ border-color:#5C6991 }
```

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

Here you see how a box with a 4 pixel #5C6991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6991; -webkit-box-shadow:4px 4px  
4px 4px #5C6991; box-shadow:4px 4px 4px  
4px #5C6991 }
```

# Background

The CSS property to change the background color of an element to Hex 5C6991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6991 }
```

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

```
.background{ background-color:#5C6991 }
```

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