

Converting Colors

Hex(5C6100)

Have a look what the booklet for
Hex(5C6100) contains.

Hex(5C6100)	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(5C6100)

Conversions

Conversions Part 1

Format	Color
Hex	5C6100
RGB	92, 97, 0
RGB Percent	36%, 38%, 0%
CMY	0.6392, 0.6196, 1.0000
CMYK	0.05, 0.00, 1.00, 0.62
HSL	63°, 100%, 19%
HSV	63°, 100%, 38%
XYZ	8.6883, 10.8247, 1.6315
YIQ	84.4470, 28.1570, -31.2270

Conversions

Conversions Part 2

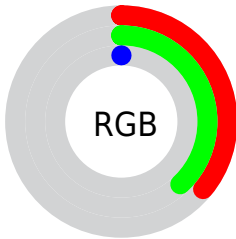
Format	Color
RYB	0, 97, 5
Decimal	6054144
CIELab	39.28, -13.06, 46.01
CIELCh	39, 47.827, 105.843
Yxy	10.8247, 0.4109, 0.5119
Android (android.graphics.Color)	4284244224 (0xFF5C6100)
YUV	84.4470, -41.6324, 6.6240
Hunter-Lab	32.9009, -10.4391, 20.0906

Details

The Hex color **5C6100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **050061**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **91933A**, and **2A3300** is the 20% darker color. If you saturate the color by 10%, you get **5C6100**, and if you desaturate by 10%, it is **5D610A**.

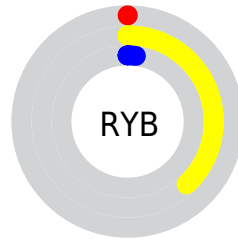
Distribution



Red (36%)

Green (38%)

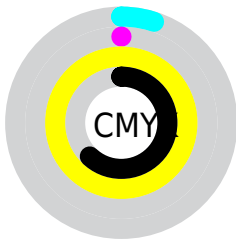
Blue (0%)



Red (0%)

Yellow (38%)

Blue (2%)

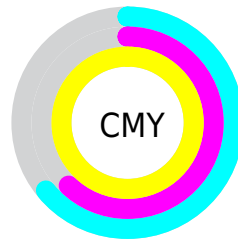


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C6100 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 5C6100 by changing the saturation by 10% instead.

 5C6100

 5C6100


 FFFFF7

 434900

 91933A

 2A3300

 ADAE53

 111E00

 C9C96D

 000000

 E6E587

 FFFFA2

 FFFFBD

 FFFFDA

 5C6100

 5D610A

 5D6113

 5E611D


 5E6127

 5F6131

 5F613A

 606144

 60614E

 616157

Harmonies

Analogous

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



7F5405



5C6100



2D6922

Triad

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



5C6100



006D94



993871

Complementary

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



5C6100



050061

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.



784993



5C6100



0066A8

Square

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



5C6100



006F71



335AA8



A2364A

Rectangle

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



5C6100



006C3B



335AA8



913D7D

Sweetspot

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



5C6100



7B7D57



610500



3F4029



BFBFBF



404040

Same Dimension

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



5C6100



777D00



2C6100



30302C



6A7000



E3F000

Inverse Universe

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



050061



06007D



350061



2C2C30



060070



0C00F0

Previews

White Background



This preview shows how the Hex color 5C6100 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

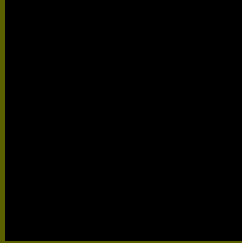
Any Text WCAG AA × Fail

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 5C6100 Background



This preview shows how black text looks on a background with the Hex color 5C6100.



This preview shows how white text looks on a background with the Hex color 5C6100.

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](#).

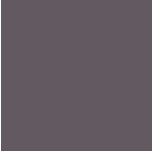
Dichromacy



Original Color
5C6100

Protanopia
695D00

Deuteranopia
75580F



Tritanopia
635A61

Trichromacy



Original Color
5C6100

Protanomaly
645E00

Deuteranomaly
6C5B0A

Tritanomaly
605D3E

Monochromacy



Original Color
5C6100

Achromatopsia
545454

Achromatomaly
575935

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C6100 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 #5C6100 looks like.

```
.text, #text, p{  
    color:#5C6100  
}
```

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 #5C6100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6100
}
```

Border

The CSS property to change the border of an element to Hex 5C6100 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
#5C6100 }
```

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

```
.border{ border-color:#5C6100 }
```

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

Here you see how a box with a 4 pixel #5C6100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6100; -webkit-box-shadow:4px 4px  
4px 4px #5C6100; box-shadow:4px 4px 4px  
4px #5C6100 }
```

Background

The CSS property to change the background color of an element to Hex 5C6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6100 }
```

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

```
.background{ background-color:#5C6100 }
```

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