

Converting Colors

Hex(5C8166)

Have a look what the booklet for
Hex(5C8166) contains.

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Color

Hex(5C8166)

Conversions

Conversions Part 1

Format	Color
Hex	5C8166
RGB	92, 129, 102
RGB Percent	36%, 51%, 40%
CMY	0.6392, 0.4941, 0.6000
CMYK	0.29, 0.00, 0.21, 0.49
HSL	136°, 17%, 43%
HSV	136°, 29%, 51%
XYZ	14.6622, 18.9351, 15.4524
YIQ	114.8590, -13.3850, -16.2410

Conversions

Conversions Part 2

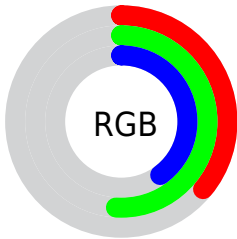
Format	Color
R_{YB}	92, 121, 129
Decimal	6062438
CIE _{Lab}	50.61, -18.96, 10.53
CIE _{LCh}	51, 21.685, 150.965
Yxy	18.9351, 0.2989, 0.3860
Android (android.graphics.Color)	4284252518 (0xFF5C8166)
YUV	114.8590, -6.3395, -20.0473
Hunter-Lab	43.5145, -16.0051, 9.4057

Details

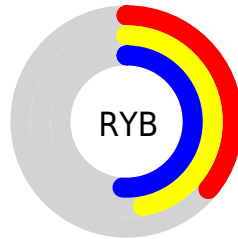
The Hex color **5C8166** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **815C77**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8FB699**, and **2C5037** is the 20% darker color. If you saturate the color by 10%, you get **4F815D**, and if you desaturate by 10%, it is **69816F**.

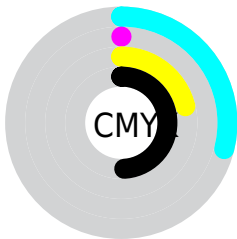
Distribution



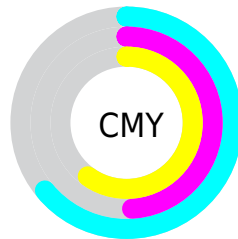
- Red (36%)
- Green (51%)
- Blue (40%)



- Red (36%)
- Yellow (47%)
- Blue (51%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C8166 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 5C8166 by changing the saturation by 10% instead.

 5C8166

 5C8166

FFFFFF

 44684E

 8FB699

 2C5037

 AAD2B4

 153822

 C5EECF

 00230C

 E2FFEC

 000400

FEFFFF

 000000

 5C8166

 5C8166

 4F815D

 69816F

 428153

 768179

■ 35814A

■ 838182

■ 288140

■ 90818C

■ 1C8137

■ 9C8195

■ 0F812E

■ A9819E

■ 028124

■ B681A8

■ 008123

■ C381B1

■ D081BB

Harmonies

Analogous

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



717D58



5C8166



498378

Triad

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



5C8166



627A9D



9D6C66

Complementary

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



5C8166



815C77

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.



9C6B79



5C8166



7C7498

Square

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



5C8166



4A7F98



916E8B



957159

Rectangle

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



5C8166



418385



916E8B



9E6B6C

Sweetspot

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



5C8166



99A89D



77815C



4B544D



D4D4D4



545454

Same Dimension

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



5C8166



6FA87F



5C8178



39403B



008022



000000

Inverse Universe

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



815C77



A86F99



815C65



40393E



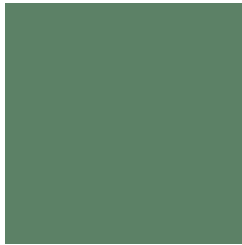
80005D



000000

Previews

White Background



This preview shows how the Hex color 5C8166 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

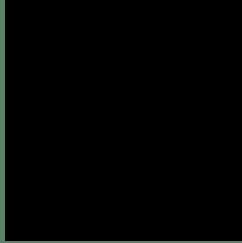
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5C8166 Background



This preview shows how black text looks on a background with the Hex color 5C8166.

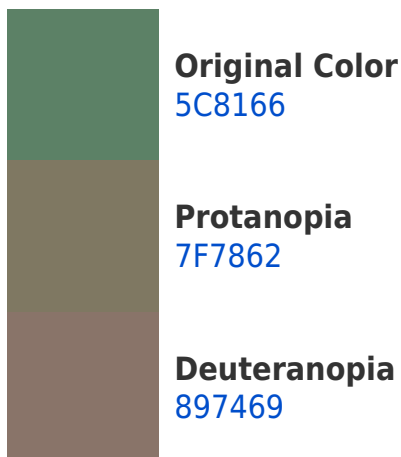



This preview shows how white text looks on a background with the Hex color 5C8166.

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





Tritanopia
627D87

Trichromacy



Original Color
5C8166

Protanomaly
727B63

Deuteranomaly
797968

Tritanomaly
607E7B

Monochromacy



Original Color
5C8166

Achromatopsia
737373

Achromatomaly
6B786E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C8166 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 #5C8166 looks like.

```
.text, #text, p{  
    color:#5C8166  
}
```

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 #5C8166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8166  
}
```

Border

The CSS property to change the border of an element to Hex 5C8166 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".

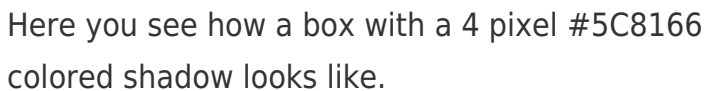
```
.border, #border, table{ border:4px solid  
#5C8166 }
```

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

```
.border{ border-color:#5C8166 }
```

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

Here you see how a box with a 4 pixel #5C8166 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8166; -webkit-box-shadow:4px 4px  
4px 4px #5C8166; box-shadow:4px 4px 4px  
4px #5C8166 }
```

Background

The CSS property to change the background color of an element to Hex 5C8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8166 }
```

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

```
.background{ background-color:#5C8166 }
```

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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