

Converting Colors

Hex(5E8166)

Have a look what the booklet for
Hex(5E8166) contains.

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Color

Hex(5E8166)

Conversions

Conversions Part 1

Format	Color
Hex	5E8166
RGB	94, 129, 102
RGB Percent	37%, 51%, 40%
CMY	0.6314, 0.4941, 0.6000
CMYK	0.27, 0.00, 0.21, 0.49
HSL	134°, 16%, 44%
HSV	134°, 27%, 51%
XYZ	14.8646, 19.0395, 15.4619
YIQ	115.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

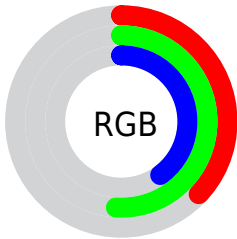
Format	Color
RYB	94, 122, 129
Decimal	6193510
CIELab	50.73, -18.26, 10.71
CIElCh	51, 21.169, 149.594
Yxy	19.0395, 0.3011, 0.3857
Android (android.graphics.Color)	4284383590 (0xFF5E8166)
YUV	115.4570, -6.6343, -18.8178
Hunter-Lab	43.6343, -15.5515, 9.5344

Details

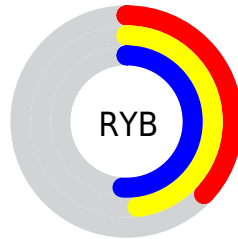
The Hex color **5E8166** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **815E79**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **91B699**, and **2E5037** is the 20% darker color. If you saturate the color by 10%, you get **51815C**, and if you desaturate by 10%, it is **6B8170**.

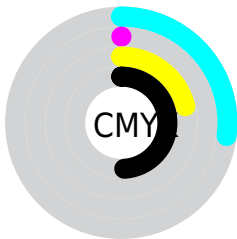
Distribution



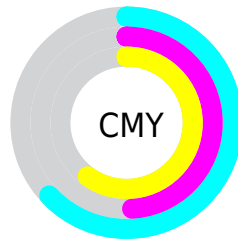
- Red (37%)
- Green (51%)
- Blue (40%)



- Red (37%)
- Yellow (48%)
- Blue (51%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (49%)



- Cyan (63%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8166 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 5E8166 by changing the saturation by 10% instead.

 5E8166

 5E8166

FFFFFF

 46684E

 91B699

 2E5037

 ACD2B4

 183822

 C7EECF

 02230C


 E4FFEC

 000500

 000000

 5E8166

 5E8166

 51815C

 6B8170

 448152

 78817A

 378148


 858184

 2A813E

 92818E

 1D8134

 9E8198

 11812A

 AB81A2

 048120

 B881AC

 00811D

 C581B6

 D281C0

Harmonies

Analogous

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



737D59



5E8166



4B8378

Triad

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



5E8166



627B9D



9D6D68

Complementary

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



5E8166



815E79

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.



9B6C7A



5E8166



7B7498

Square

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



5E8166



4B8097



906F8B



95715A

Rectangle

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



5E8166



438384



906F8B



9D6C6E

Sweetspot

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



5E8166



9BA89E



79815E



4C544E



D4D4D4



545454

Same Dimension

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



5E8166



71A87D



5E8177



39403B



00801D



000000

Inverse Universe

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



815E79



A8719C



815E68



40393E



800062



000000

Previews

White Background



This preview shows how the Hex color 5E8166 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

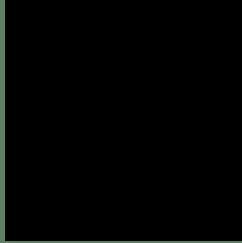
Any Text WCAG AA ✓ Pass

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 5E8166 Background



This preview shows how black text looks on a background with the Hex color 5E8166.

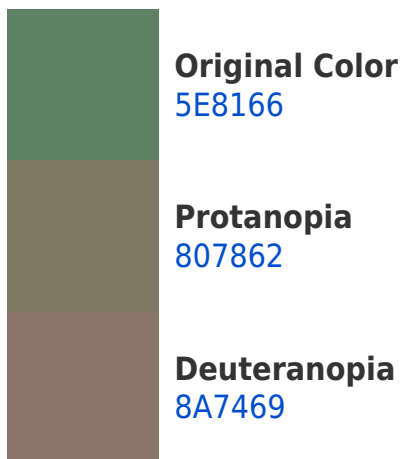


This preview shows how white text looks on a background with the Hex color 5E8166.

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
647D87

Trichromacy



Original Color
5E8166

Protanomaly
747B63

Deuteranomaly
7A7968

Tritanomaly
627E7B

Monochromacy



Original Color
5E8166

Achromatopsia
737373

Achromatomaly
6B786E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8166 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 #5E8166 looks like.

```
.text, #text, p{  
    color:#5E8166  
}
```

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 #5E8166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8166
}
```

Border

The CSS property to change the border of an element to Hex 5E8166 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
#5E8166 }
```

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

```
.border{ border-color:#5E8166 }
```

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

Here you see how a box with a 4 pixel #5E8166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8166; -webkit-box-shadow:4px 4px  
4px 4px #5E8166; box-shadow:4px 4px 4px  
4px #5E8166 }
```

Background

The CSS property to change the background color of an element to Hex 5E8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8166 }
```

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

```
.background{ background-color:#5E8166 }
```

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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