

Converting Colors

Hex(5E8646)

Have a look what the booklet for
Hex(5E8646) contains.

Hex(5E8646)	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(5E8646)

Conversions

Conversions Part 1

Format	Color
Hex	5E8646
RGB	94, 134, 70
RGB Percent	37%, 53%, 27%
CMY	0.6314, 0.4745, 0.7255
CMYK	0.30, 0.00, 0.48, 0.47
HSL	98°, 31%, 40%
HSV	98°, 48%, 53%
XYZ	14.2467, 19.8721, 8.8792
YIQ	114.7440, -3.2960, -28.3840

Conversions

Conversions Part 2

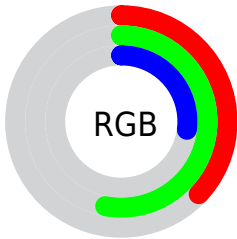
Format	Color
RYB	70, 134, 110
Decimal	6194758
CIELab	51.69, -26.18, 29.98
CIElCh	52, 39.801, 131.124
Yxy	19.8721, 0.3313, 0.4622
Android (android.graphics.Color)	4284384838 (0xFF5E8646)
YUV	114.7440, -22.0588, -18.1925
Hunter-Lab	44.5781, -20.9650, 19.3952

Details

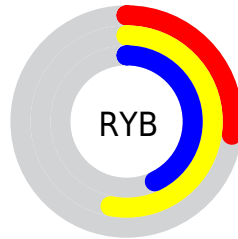
The Hex color **5E8646** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E4686**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **92BB78**, and **2D5417** is the 20% darker color. If you saturate the color by 10%, you get **568639**, and if you desaturate by 10%, it is **668653**.

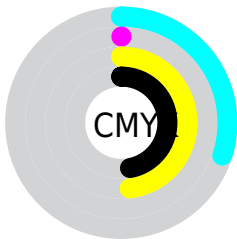
Distribution



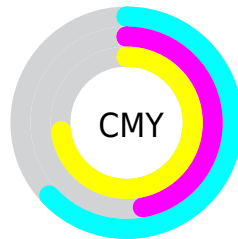
- Red (37%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (43%)



- Cyan (30%)
- Magenta (0%)
- Yellow (48%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8646 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 5E8646 by changing the saturation by 10% instead.

■ 5E8646

■ 5E8646

FFFFFF

■ 456D2E

■ 92BB78

■ 2D5417

■ ADD792

■ 143C00

■ C9F4AD

■ 002600

■ E6FFC8

■ 000C00

■ FFFFE4

■ 000000

■ 5E8646

■ 5E8646

■ 568639

■ 668653

■ 4D862B

■ 6F8661

■ 45861E

■ 77866E

■ 3D8610

■ 80867C

■ 348603

■ 888689

■ 328600

■ 908696

■ 9986A4

■ A186B1

■ A986BF

Harmonies

Analogous

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



837D36



5E8646



2A8B64

Triad

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



5E8646



0085BB



BB5F70

Complementary

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



5E8646



6E4686

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.



AF6292



5E8646



597ABE

Square

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



5E8646



008BA7



8E6DAF



B66650

Rectangle

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



5E8646



008C7B



8E6DAF



B95E7B

Sweetspot

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



5E8646



9EAD95



866D46



4D5748



D6D6D6



575757

Same Dimension

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



5E8646



70AD4B



46864D



3E423C



318200



010300

Inverse Universe

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



6E4686



884BAD



86467F



403C42



510082



020003

Previews

White Background



This preview shows how the Hex color 5E8646 looks on a white background.

Color Contrast Check

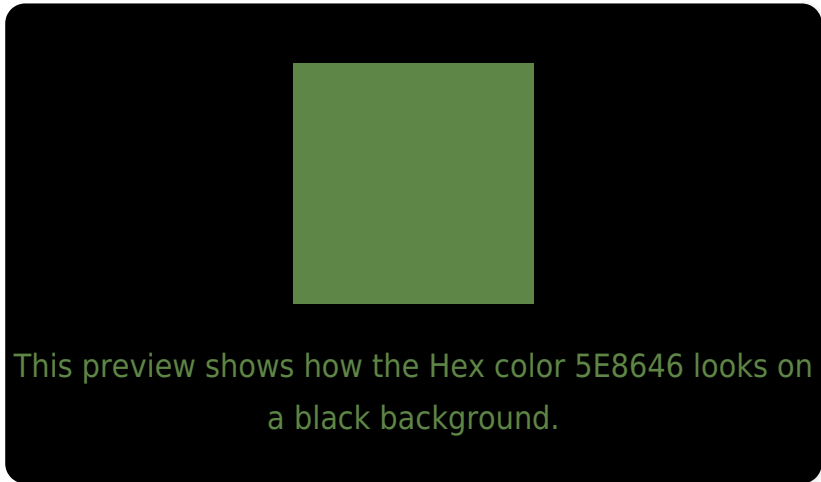
Large Text (above 18pt) WCAG AA ✓ Pass

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

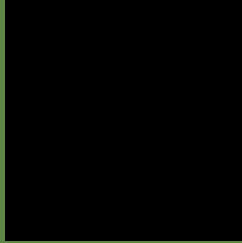
Any Text WCAG AA ✓ Pass

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 5E8646 Background



This preview shows how black text looks on a background with the Hex color 5E8646.



This preview shows how white text looks on a background with the Hex color 5E8646.

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
5E8646

Protanopia
877B42

Deuteranopia
95754A



Tritanopia
687F89

Trichromacy



Original Color
5E8646

Protanomaly
787F43

Deuteranomaly
817B49

Tritanomaly
648271

Monochromacy



Original Color
5E8646

Achromatopsia
737373

Achromatomaly
6B7A63

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8646 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 #5E8646 looks like.

```
.text, #text, p{  
    color:#5E8646  
}
```

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 #5E8646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8646
}
```

Border

The CSS property to change the border of an element to Hex 5E8646 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
#5E8646 }
```

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

```
.border{ border-color:#5E8646 }
```

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

Here you see how a box with a 4 pixel #5E8646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8646; -webkit-box-shadow:4px 4px  
4px 4px #5E8646; box-shadow:4px 4px 4px  
4px #5E8646 }
```

Background

The CSS property to change the background color of an element to Hex 5E8646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8646 }
```

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

```
.background{ background-color:#5E8646 }
```

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