

Converting Colors

Hex(5E9645)

Have a look what the booklet for
Hex(5E9645) contains.

Hex(5E9645)	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(5E9645)

Conversions

Conversions Part 1

Format	Color
Hex	5E9645
RGB	94, 150, 69
RGB Percent	37%, 59%, 27%
CMY	0.6314, 0.4118, 0.7294
CMYK	0.37, 0.00, 0.54, 0.41
HSL	101°, 37%, 43%
HSV	101°, 54%, 59%
XYZ	16.5966, 24.6220, 9.5080
YIQ	124.0220, -7.3750, -37.0630

Conversions

Conversions Part 2

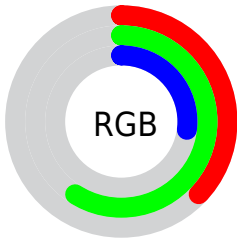
Format	Color
RYB	69, 150, 125
Decimal	6198853
CIELab	56.71, -33.92, 36.62
CIElCh	57, 49.917, 132.804
Yxy	24.6220, 0.3272, 0.4854
Android (android.graphics.Color)	4284388933 (0xFF5E9645)
YUV	124.0220, -27.1258, -26.3293
Hunter-Lab	49.6206, -27.1331, 23.3736

Details

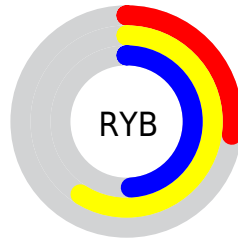
The Hex color **5E9645** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7D4596**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **93CD77**, and **2A6314** is the 20% darker color. If you saturate the color by 10%, you get **549636**, and if you desaturate by 10%, it is **689654**.

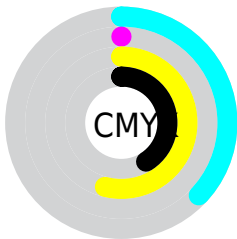
Distribution



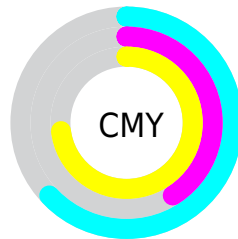
- Red (37%)
- Green (59%)
- Blue (27%)



- Red (27%)
- Yellow (59%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (54%)
- Black (41%)



- Cyan (63%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E9645 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 5E9645 by changing the saturation by 10% instead.



5E9645



5E9645

FFFFFF



447C2D



93CD77



2A6314



AFE992



0B4A00



CBFFAD



003300



E8FFC8



001F00



FFFFE5



000000



5E9645



5E9645



549636



689654



499627



739663

■ 3F9618

■ 7D9672

■ 359609

■ 879681

■ 2E9600

■ 929690

■ 9C969F

■ A796AE

■ B196BD

■ BB96CC

Harmonies

Analogous

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



8E8C2D



5E9645



009C6D

Triad

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



5E9645



0094DB



D86177

Complementary

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



5E9645



7D4596

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.



CB65A3



5E9645



5B86DD

Square

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



5E9645



009BC2



A375C8



CF6C4F

Rectangle

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



5E9645



009D8B



A375C8



D76186

Sweetspot

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



5E9645



ACC2A3



967C45



54614E



E0E0E0



616161

Same Dimension

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



5E9645



6BC244



459654



454A43



2B8A00



030A00

Inverse Universe

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



7D4596



9B44C2



964587



48434A



5F008A



07000A

Previews

White Background



This preview shows how the Hex color 5E9645 looks on a white background.

Color Contrast Check

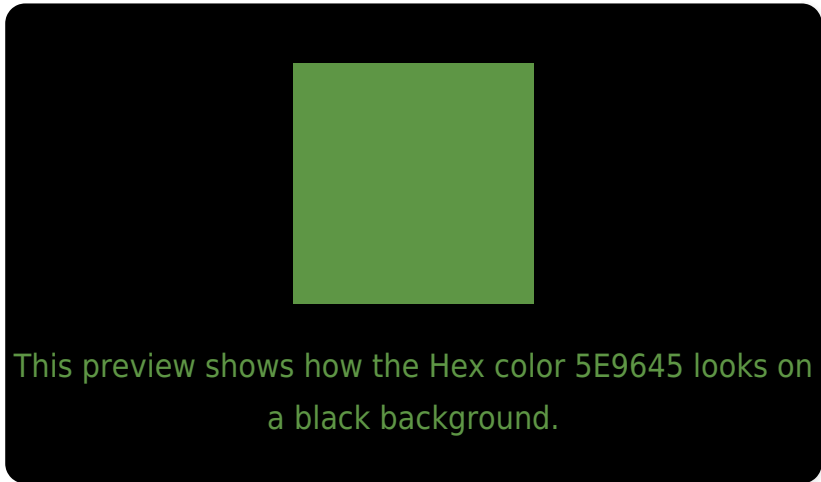
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E9645 Background



This preview shows how black text looks on a background with the Hex color 5E9645.

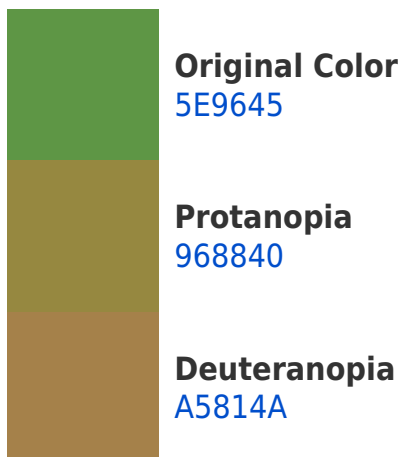



This preview shows how white text looks on a background with the Hex color 5E9645.

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
6C8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E9645 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 #5E9645 looks like.

```
.text, #text, p{  
    color:#5E9645  
}
```

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 #5E9645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9645
}
```

Border

The CSS property to change the border of an element to Hex 5E9645 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
#5E9645 }
```

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

```
.border{ border-color:#5E9645 }
```

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

Here you see how a box with a 4 pixel #5E9645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9645; -webkit-box-shadow:4px 4px  
4px 4px #5E9645; box-shadow:4px 4px 4px  
4px #5E9645 }
```

Background

The CSS property to change the background color of an element to Hex 5E9645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9645 }
```

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

```
.background{ background-color:#5E9645 }
```

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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