

Converting Colors

Hex(5A9B61)

Have a look what the booklet for
Hex(5A9B61) contains.

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Color

Hex(5A9B61)

Conversions

Conversions Part 1

Format	Color
Hex	5A9B61
RGB	90, 155, 97
RGB Percent	35%, 61%, 38%
CMY	0.6471, 0.3922, 0.6196
CMYK	0.42, 0.00, 0.37, 0.39
HSL	126°, 27%, 48%
HSV	126°, 42%, 61%
XYZ	18.0955, 26.4794, 15.4666
YIQ	128.9530, -20.1220, -31.8180

Conversions

Conversions Part 2

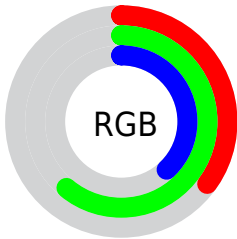
Format	Color
R_{YB}	90, 149, 155
Decimal	5938017
CIE _{Lab}	58.49, -33.44, 24.08
CIE _{LCh}	58, 41.202, 144.244
Yxy	26.4794, 0.3014, 0.4410
Android (android.graphics.Color)	4284128097 (0xFF5A9B61)
YUV	128.9530, -15.7528, -34.1618
Hunter-Lab	51.4582, -27.2815, 18.2002

Details

The Hex color **5A9B61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B5A94**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **8FD294**, and **256732** is the 20% darker color. If you saturate the color by 10%, you get **4B9B53**, and if you desaturate by 10%, it is **6A9B6F**.

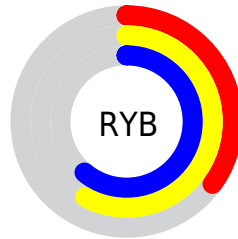
Distribution



Red (35%)

Green (61%)

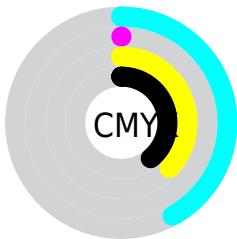
Blue (38%)



Red (35%)

Yellow (58%)

Blue (61%)

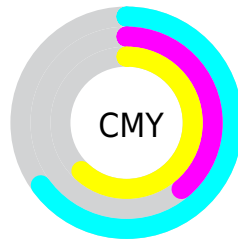


Cyan (42%)

Magenta (0%)

Yellow (37%)

Black (39%)



Cyan (65%)

Magenta (39%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9B61 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 5A9B61 by changing the saturation by 10% instead.

■ 5A9B61

■ 5A9B61

FFFFFF

■ 408149

■ 8FD294

■ 256732

■ AAEEAF

■ 044F1B

■ C7FFCB

■ 003703

■ E3FFE7

■ 002300

■ 000000

■ 5A9B61

■ 5A9B61

■ 4B9B53

■ 6A9B6F

■ 3B9B45

■ 799B7D

 2C9B38

 899B8A

 1C9B2A

 989B98

 0D9B1C

 A89BA6

 009B11

 B79BB4

 C79BC2

 D69BD0

 E59BDD

Harmonies

Analogous

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



859349



5A9B61



0D9F84

Triad

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



5A9B61



3E93D4



D17171

Complementary

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



5A9B61



9B5A94

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.



CC6F95



5A9B61



8586CE

Square

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



5A9B61



009BC6



B378B7



C37B53

Rectangle

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



5A9B61



009F9D



B378B7



D16F7D

Sweetspot

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



5A9B61



AFC9B2



959B5A



566657



E6E6E6



666666

Same Dimension

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



5A9B61



65C970



5A9B81



454D46



008C0F



000D01

Inverse Universe

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



9B5A94



C965BF



9B5A74



4D454C



8C007D



0D000B

Previews

White Background



This preview shows how the Hex color 5A9B61 looks on a white background.

Color Contrast Check

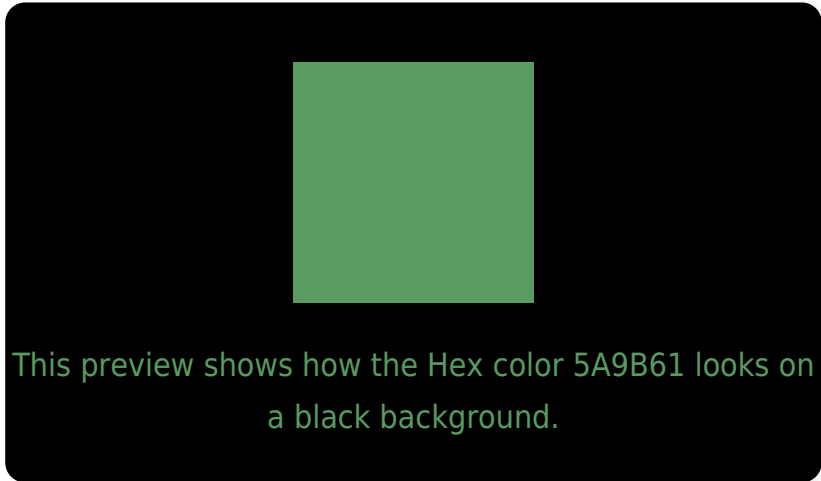
Large Text (above 18pt) WCAG AA ✓ Pass

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

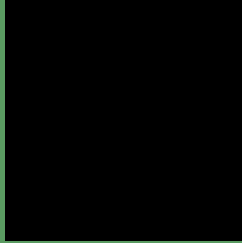
Any Text WCAG AA ✓ Pass

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 5A9B61 Background



This preview shows how black text looks on a background with the Hex color 5A9B61.



This preview shows how white text looks on a background with the Hex color 5A9B61.

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](#).

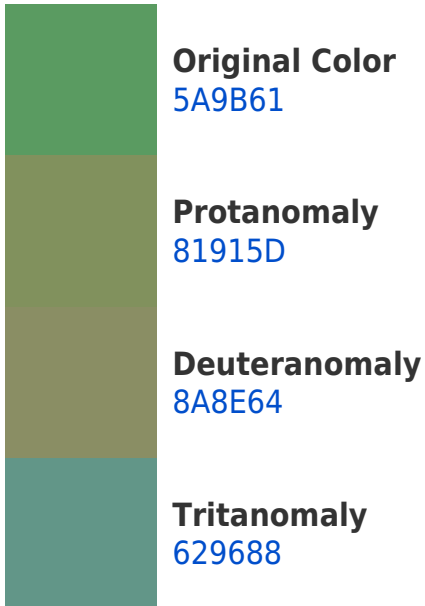
Dichromacy



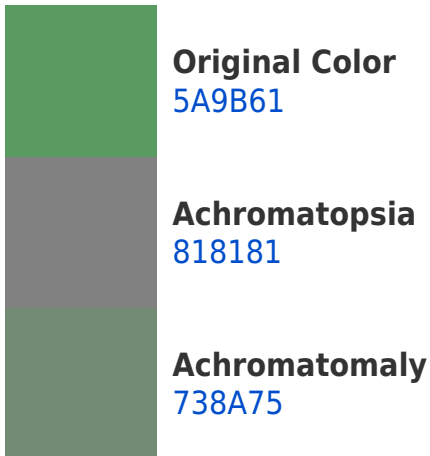


Tritanopia
67939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9B61 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 #5A9B61 looks like.

```
.text, #text, p{  
    color:#5A9B61  
}
```

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 #5A9B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9B61
}
```

Border

The CSS property to change the border of an element to Hex 5A9B61 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
#5A9B61 }
```

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

```
.border{ border-color:#5A9B61 }
```

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

Here you see how a box with a 4 pixel #5A9B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9B61; -webkit-box-shadow:4px 4px  
4px 4px #5A9B61; box-shadow:4px 4px 4px  
4px #5A9B61 }
```

Background

The CSS property to change the background color of an element to Hex 5A9B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9B61 }
```

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

```
.background{ background-color:#5A9B61 }
```

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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