

Converting Colors

Hex(56954E)

Have a look what the booklet for
Hex(56954E) contains.

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Color

Hex(56954E)

Conversions

Conversions Part 1

Format	Color
Hex	56954E
RGB	86, 149, 78
RGB Percent	34%, 58%, 31%
CMY	0.6627, 0.4157, 0.6941
CMYK	0.42, 0.00, 0.48, 0.42
HSL	113°, 31%, 45%
HSV	113°, 48%, 58%
XYZ	15.9603, 24.0234, 11.0035
YIQ	122.0690, -14.7570, -35.4370

Conversions

Conversions Part 2

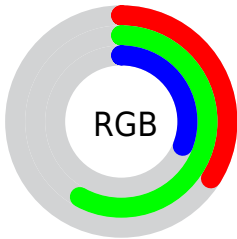
Format	Color
RYB	78, 149, 141
Decimal	5674318
CIELab	56.11, -34.98, 31.17
CIELCh	56, 46.850, 138.291
Yxy	24.0234, 0.3130, 0.4712
Android (android.graphics.Color)	4283864398 (0xFF56954E)
YUV	122.0690, -21.7260, -31.6325
Hunter-Lab	49.0137, -27.6488, 20.9990

Details

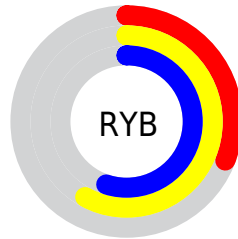
The Hex color **56954E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D4E95**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8BCC80**, and **21621F** is the 20% darker color. If you saturate the color by 10%, you get **49953F**, and if you desaturate by 10%, it is **63955D**.

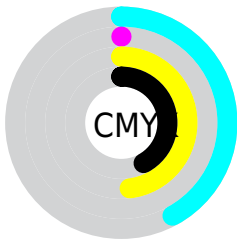
Distribution



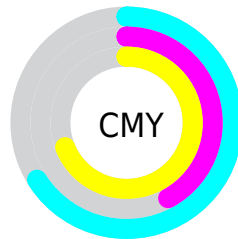
- Red (34%)
- Green (58%)
- Blue (31%)



- Red (31%)
- Yellow (58%)
- Blue (55%)



- Cyan (42%)
- Magenta (0%)
- Yellow (48%)
- Black (42%)



- Cyan (66%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56954E 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 56954E by changing the saturation by 10% instead.

 56954E

 56954E

FFFFFF

 3C7B36

 8BCC80

 21621F

 A7E89B

 004906

 C2FFB6

 003200

 DFFFD2

 001E00

 FCFEE

 000000


 56954E

 56954E

 49953F

 63955D

 3C9530

 70956C

 2E9521


 7E957B

 219512

 8B958A

 149504

 989599

 119500

 A595A7

 B395B6

 C095C5

 CD95D4

Harmonies

Analogous

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



858C35



56954E



009A75

Triad

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



56954E



0090D6



D2646F

Complementary

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



56954E



8D4E95

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.



C96598



56954E



6D82D4

Square

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



56954E



0098C2



A972BD



C76F4B

Rectangle

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



56954E



009B91



A972BD



D2637D

Sweetspot

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



56954E



AAC2A7



958D4E



526150



E0E0E0



616161

Same Dimension

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



56954E



60C253



4E9569



434A43



108A00



010A00

Inverse Universe

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



8D4E95



B553C2



954E7A



49434A



7A008A



09000A

Previews

White Background



This preview shows how the Hex color 56954E looks on a white background.

Color Contrast Check

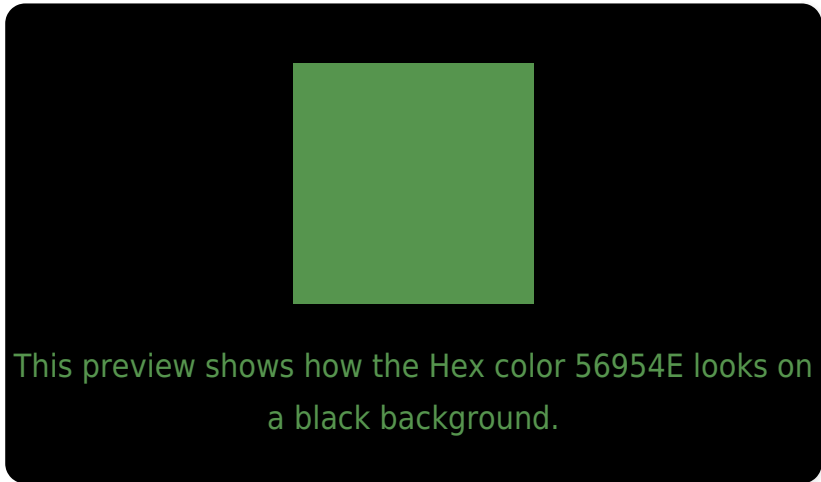
Large Text (above 18pt) WCAG AA ✓ Pass

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 56954E Background



This preview shows how black text looks on a background with the Hex color 56954E.

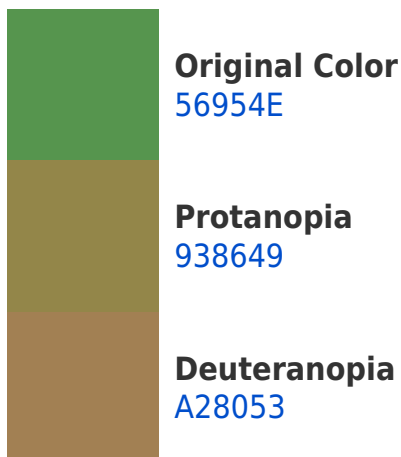


This preview shows how white text looks on a background with the Hex color 56954E.

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
648D98

Trichromacy



Original Color
56954E



Protanomaly
7D8B4B



Deuteranomaly
868851



Tritanomaly
5F907D

Monochromacy



Original Color
56954E



Achromatopsia
7A7A7A



Achromatomaly
6D846A

CSS Examples

Text

The CSS property to change the color of the text to Hex 56954E 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 #56954E looks like.

```
.text, #text, p{  
    color:#56954E  
}
```

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 #56954E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56954E
}
```

Border

The CSS property to change the border of an element to Hex 56954E 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
#56954E }
```

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

```
.border{ border-color:#56954E }
```

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

Here you see how a box with a 4 pixel #56954E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56954E; -webkit-box-shadow:4px 4px  
4px 4px #56954E; box-shadow:4px 4px 4px  
4px #56954E }
```

Background

The CSS property to change the background color of an element to Hex 56954E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56954E }
```

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

```
.background{ background-color:#56954E }
```

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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