

Converting Colors

Hex(56A45D)

Have a look what the booklet for
Hex(56A45D) contains.

Hex(56A45D)	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(56A45D)

Conversions

Conversions Part 1

Format	Color
Hex	56A45D
RGB	86, 164, 93
RGB Percent	34%, 64%, 36%
CMY	0.6627, 0.3569, 0.6353
CMYK	0.48, 0.00, 0.43, 0.36
HSL	125°, 31%, 49%
HSV	125°, 48%, 64%
XYZ	19.0890, 29.3197, 15.0091
YIQ	132.5840, -23.6970, -38.6170

Conversions

Conversions Part 2

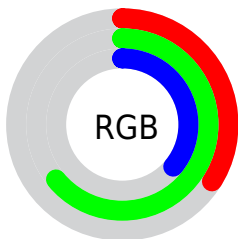
Format	Color
R_{YB}	86, 158, 164
Decimal	5678173
CIE _{Lab}	61.06, -39.36, 29.55
CIE _{LCh}	61, 49.217, 143.098
Yxy	29.3197, 0.3010, 0.4623
Android (android.graphics.Color)	4283868253 (0xFF56A45D)
YUV	132.5840, -19.5149, -40.8542
Hunter-Lab	54.1476, -31.8307, 21.4689

Details


The Hex color **56A45D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A4569D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8CDC90**, and **1D6F2D** is the 20% darker color. If you saturate the color by 10%, you get **46A44E**, and if you desaturate by 10%, it is **66A46C**.

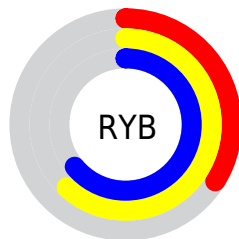
Distribution



 Red (34%)

 Green (64%)

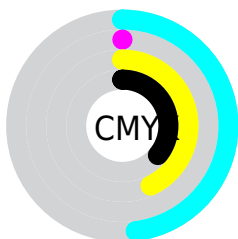
 Blue (36%)




 Red (34%)

 Yellow (62%)

 Blue (64%)

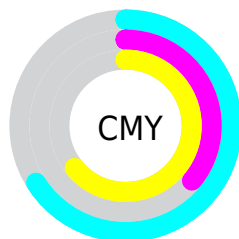



 Cyan (48%)


 Magenta (0%)

 Yellow (43%)

 Black (36%)



 Cyan (66%)

 Magenta (36%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A45D 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 56A45D by changing the saturation by 10% instead.

 56A45D

 56A45D

FFFFFF

 3B8945

 8CDC90

 1D6F2D

 A8F8AB

 005616

 C4FFC7

 003E00

 E1FFE3

 002900

 000700

 000000

 56A45D

 56A45D

 46A44E

 66A46C

 35A43F

 77A47B

 25A430

 87A48A

 14A421

 98A499

 04A412

 A8A4A8

 00A40F

 B8A4B7

 C9A4C5

 D9A4D4

 EAA4E3

Harmonies

Analogous

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



8B9B3F



56A45D



00A887

Triad

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



56A45D



009BE9



E47074

Complementary

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



56A45D



A4569D

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.



DE6F9F



56A45D



858CE3

Square

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



56A45D



00A5D8



BF7BC8



D47D4F

Rectangle

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



56A45D



00A9A6



BF7BC8



E56E82

Sweetspot

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



56A45D



B8D6BB



9EA456



596B5B



EBEBEB



6B6B6B

Same Dimension

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



56A45D



5CD667



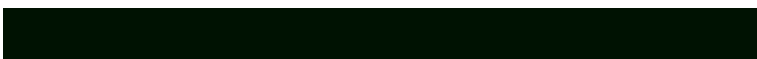
56A484



49524A



00910D



001202

Inverse Universe

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



A4569D



D65CCB



A45676



524951



910084



120010

Previews

White Background



This preview shows how the Hex color 56A45D looks on a white background.

Color Contrast Check

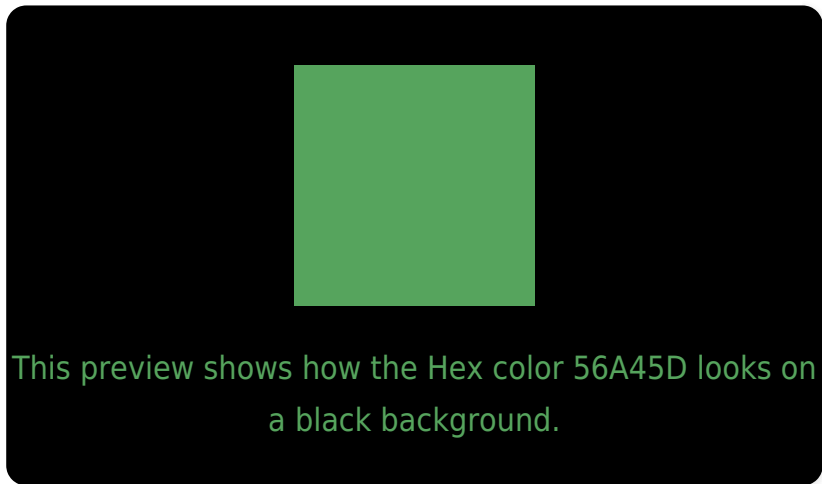
Large Text (above 18pt) WCAG AA ✓ Pass

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 56A45D Background



This preview shows how black text looks on a background with the Hex color 56A45D.

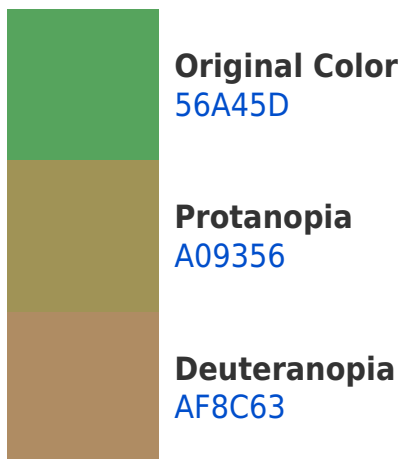


This preview shows how white text looks on a background with the Hex color 56A45D.

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](#).

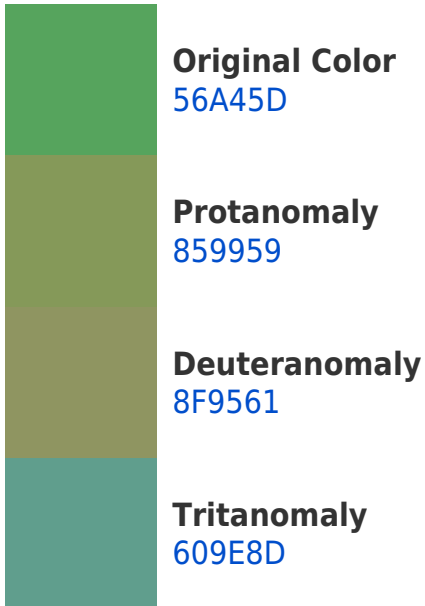
Dichromacy





Tritanopia
669BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A45D 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 #56A45D looks like.

```
.text, #text, p{  
    color:#56A45D  
}
```

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 #56A45D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A45D
}
```

Border

The CSS property to change the border of an element to Hex 56A45D 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
#56A45D }
```

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

```
.border{ border-color:#56A45D }
```

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

Here you see how a box with a 4 pixel #56A45D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A45D; -webkit-box-shadow:4px 4px  
4px 4px #56A45D; box-shadow:4px 4px 4px  
4px #56A45D }
```

Background

The CSS property to change the background color of an element to Hex 56A45D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A45D }
```

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

```
.background{ background-color:#56A45D }
```

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