

# Converting Colors

Hex(56A36A)

Have a look what the booklet for  
Hex(56A36A) contains.

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# Color

Hex(56A36A)

# Conversions

## Conversions Part 1

Format	Color
Hex	56A36A
RGB	86, 163, 106
RGB Percent	34%, 64%, 42%
CMY	0.6627, 0.3608, 0.5843
CMYK	0.47, 0.00, 0.35, 0.36
HSL	136°, 31%, 49%
HSV	136°, 47%, 64%
XYZ	19.5365, 29.2134, 18.2447
YIQ	133.4790, -27.5950, -34.0510

# Conversions

## Conversions Part 2

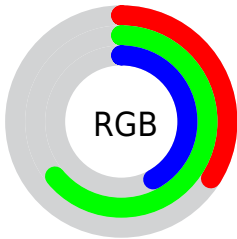
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 147, 163
Decimal	5677930
CIE <sub>Lab</sub>	60.97, -36.69, 22.44
CIE <sub>LCh</sub>	61, 43.007, 148.541
Y <sub>xy</sub>	29.2134, 0.2916, 0.4361
Android (android.graphics.Color)	4283868010 (0xFF56A36A)
YUV	133.4790, -13.5471, -41.6391
Hunter-Lab	54.0494, -30.0667, 17.8209

# Details

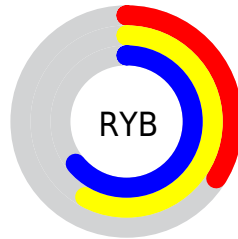
The Hex color **56A36A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3568F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8CDA9E**, and **1E6F3A** is the 20% darker color. If you saturate the color by 10%, you get **46A35E**, and if you desaturate by 10%, it is **66A376**.

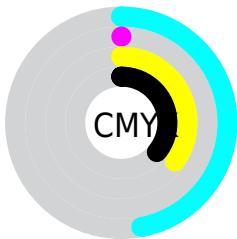
# Distribution



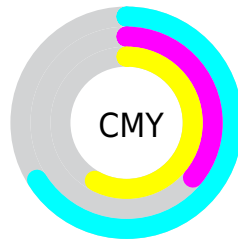
- Red (34%)
- Green (64%)
- Blue (42%)



- Red (34%)
- Yellow (58%)
- Blue (64%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (36%)



- Cyan (66%)
- Magenta (36%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56A36A 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 56A36A by changing the saturation by 10% instead.



 56A36A

 56A36A

FFFFFF

 3B8851

 8CDA9E

 1E6F3A

 A8F7B9

 005624

 C4FFD5

 003E0E

 E1FFF1

 002800

FEFFFF

 000700

 000000

 56A36A

 56A36A

 46A35E

 66A376

 35A352

 77A382

 25A346

 87A38E

 15A33A

 97A39A

 04A32E

 A8A3A6

 00A32A

 B8A3B2

 C8A3BE

 D8A3CB

 E9A3D7

# Harmonies

## Analogous

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



859C4E



56A36A



00A690

# Triad

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



56A36A



4D98DF



DA7771

# Complementary

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



56A36A



A3568F

# 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.



D87497



56A36A



938AD6

# Square

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



56A36A



00A1D3



C07CBB



C98353

# Rectangle

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



56A36A



00A7AA



C07CBB



DB757D



# Sweetspot

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



56A36A



B6D4BE



90A356



596B5E



EBEBEB



6B6B6B



# Same Dimension

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



56A36A



5BD47A



56A390



49524C



009126



001205



# Inverse Universe

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



A3568F



D45BB4



A35669



52494F



91006C



12000D



# Previews

## White Background



This preview shows how the Hex color 56A36A looks on a white background.

## Color Contrast Check

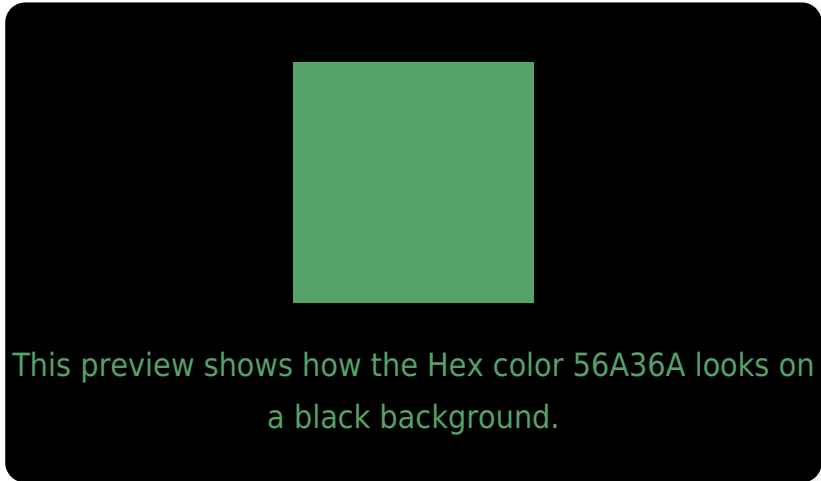
Large Text (above 18pt) WCAG AA ✓ Pass

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

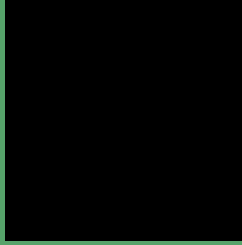
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 56A36A Background



This preview shows how black text looks on a background with the Hex color 56A36A.

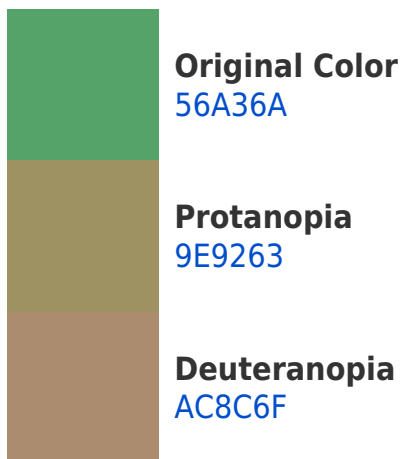


This preview shows how white text looks on a background with the Hex color 56A36A.

# 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**  
649BA8

# Trichromacy



**Original Color**  
56A36A



**Protanomaly**  
849866



**Deuteranomaly**  
8D946D



**Tritanomaly**  
5F9E91

# Monochromacy



**Original Color**  
56A36A



**Achromatopsia**  
858585



**Achromatomaly**  
74907B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56A36A 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 #56A36A looks like.

```
.text, #text, p{  
    color:#56A36A  
}
```

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 #56A36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A36A
}
```

## Border

The CSS property to change the border of an element to Hex 56A36A 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
#56A36A }
```

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

```
.border{ border-color:#56A36A }
```

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

Here you see how a box with a 4 pixel #56A36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A36A; -webkit-box-shadow:4px 4px  
4px 4px #56A36A; box-shadow:4px 4px 4px  
4px #56A36A }
```

# Background

The CSS property to change the background color of an element to Hex 56A36A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A36A }
```

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

```
.background{ background-color:#56A36A }
```

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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