

Converting Colors

Hex(56A46B)

Have a look what the booklet for
Hex(56A46B) contains.

Hex(56A46B)	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(56A46B)

Conversions

Conversions Part 1

Format	Color
Hex	56A46B
RGB	86, 164, 107
RGB Percent	34%, 64%, 42%
CMY	0.6627, 0.3569, 0.5804
CMYK	0.48, 0.00, 0.35, 0.36
HSL	136°, 31%, 49%
HSV	136°, 48%, 64%
XYZ	19.7671, 29.5909, 18.5797
YIQ	134.1800, -28.1910, -34.2630

Conversions

Conversions Part 2

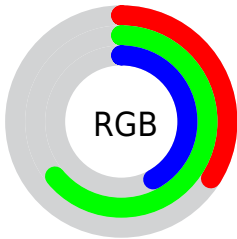
Format	Color
R_{YB}	86, 147, 164
Decimal	5678187
CIE _{Lab}	61.30, -36.95, 22.34
CIE _{LCh}	61, 43.182, 148.840
Yxy	29.5909, 0.2910, 0.4356
Android (android.graphics.Color)	4283868267 (0xFF56A46B)
YUV	134.1800, -13.3997, -42.2539
Hunter-Lab	54.3975, -30.3320, 17.8275

Details

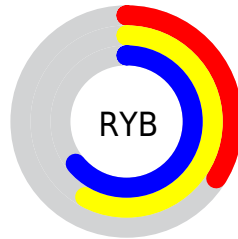
The Hex color **56A46B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A4568F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8CDC9F**, and **1E6F3B** is the 20% darker color. If you saturate the color by 10%, you get **46A45F**, and if you desaturate by 10%, it is **66A477**.

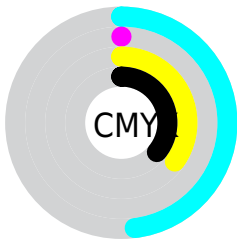
Distribution



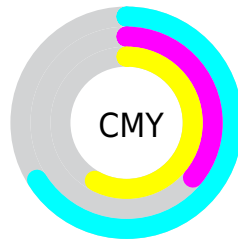
- Red (34%)
- Green (64%)
- Blue (42%)



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



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 56A46B 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 56A46B by changing the saturation by 10% instead.

 56A46B

 56A46B

FFFFFF

 3B8952

 8CDC9F

 1E6F3B

 A8F8BA

 005624

 C4FFD6

 003E0F

 E1FFF2

 002800

FEFFFF

 000900

 000000

 56A46B

 56A46B

 46A45F

 66A477

 35A453

 77A483

 25A447

 87A48F

 14A43B

 98A49B

 04A42F

 A8A4A7

 00A42C

 B8A4B3

 C9A4BF

 D9A4CB

 EAA4D7

Harmonies

Analogous

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



869D4F



56A46B



00A791

Triad

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



56A46B



4E98E0



DB7871

Complementary

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



56A46B



A4568F

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.



D97497



56A46B



958BD7

Square

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



56A46B



00A2D5



C27CBC



CA8453

Rectangle

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



56A46B



00A8AB



C27CBC



DD757D

Sweetspot

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



56A46B



B8D6C0



8FA456



596B5E



EBEBEB



6B6B6B

Same Dimension

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



56A46B



5CD67D



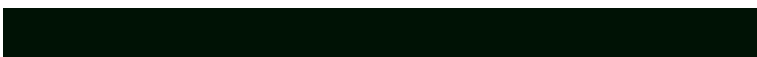
56A492



49524C



009127



001205

Inverse Universe

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



A4568F



D65CB5



A45668



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 56A46B looks on a white background.

Color Contrast Check

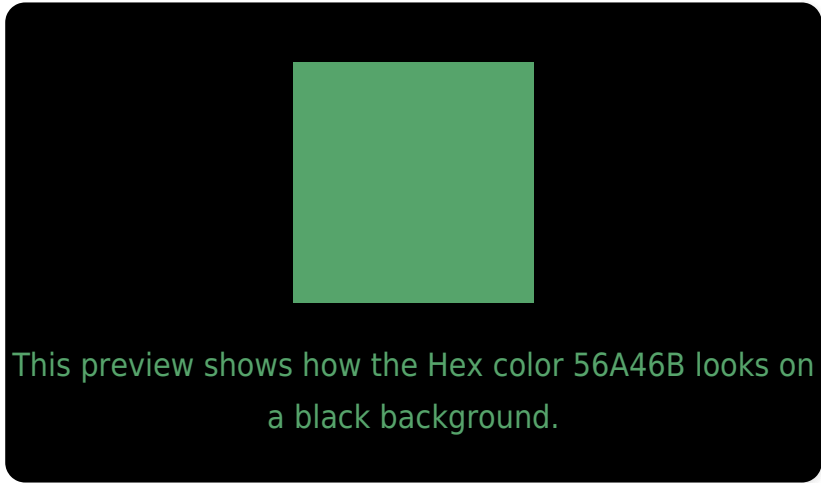
Large Text (above 18pt) WCAG AA ✓ Pass

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

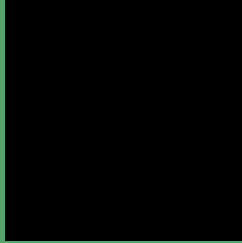
Any Text WCAG AA ✓ Pass

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 56A46B Background



This preview shows how black text looks on a background with the Hex color 56A46B.

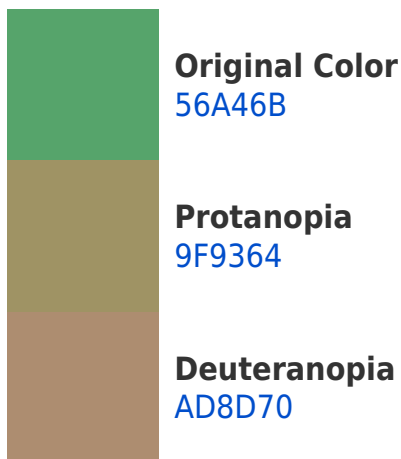


This preview shows how white text looks on a background with the Hex color 56A46B.

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
659CA9

Trichromacy



Original Color
56A46B



Protanomaly
849967



Deuteranomaly
8D956E



Tritanomaly
609F92

Monochromacy



Original Color
56A46B



Achromatopsia
868686



Achromatomaly
75917C

CSS Examples

Text

The CSS property to change the color of the text to Hex 56A46B 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 #56A46B looks like.

```
.text, #text, p{  
    color:#56A46B  
}
```

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 #56A46B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A46B
}
```

Border

The CSS property to change the border of an element to Hex 56A46B 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
#56A46B }
```

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

```
.border{ border-color:#56A46B }
```

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

Here you see how a box with a 4 pixel #56A46B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A46B; -webkit-box-shadow:4px 4px  
4px 4px #56A46B; box-shadow:4px 4px 4px  
4px #56A46B }
```

Background

The CSS property to change the background color of an element to Hex 56A46B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A46B }
```

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

```
.background{ background-color:#56A46B }
```

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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