

Converting Colors

Hex(56A663)

Have a look what the booklet for
Hex(56A663) contains.

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Color

Hex(56A663)

Conversions

Conversions Part 1

Format	Color
Hex	56A663
RGB	86, 166, 99
RGB Percent	34%, 65%, 39%
CMY	0.6627, 0.3490, 0.6118
CMYK	0.48, 0.00, 0.40, 0.35
HSL	130°, 32%, 49%
HSV	130°, 48%, 65%
XYZ	19.7261, 30.1517, 16.5846
YIQ	134.4420, -26.1730, -37.7970

Conversions

Conversions Part 2

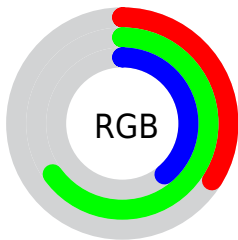
Format	Color
RYB	86, 155, 166
Decimal	5678691
CIELab	61.78, -39.25, 27.30
CIELCh	62, 47.811, 145.177
Yxy	30.1517, 0.2968, 0.4537
Android (android.graphics.Color)	4283868771 (0xFF56A663)
YUV	134.4420, -17.4729, -42.4836
Hunter-Lab	54.9106, -31.9691, 20.5301

Details

The Hex color **56A663** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A65699**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8CDE97**, and **1C7133** is the 20% darker color. If you saturate the color by 10%, you get **45A655**, and if you desaturate by 10%, it is **67A671**.

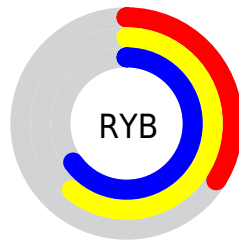
Distribution



Red (34%)

Green (65%)

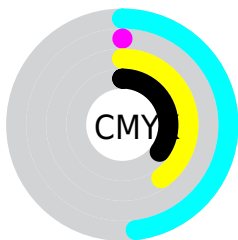
Blue (39%)



Red (34%)

Yellow (61%)

Blue (65%)

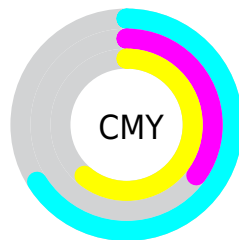


Cyan (48%)

Magenta (0%)

Yellow (40%)

Black (35%)



Cyan (66%)

Magenta (35%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A663 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 56A663 by changing the saturation by 10% instead.



56A663



56A663

FFFFFF



3B8B4B



8CDE97



1C7133



A8FBB1



00581C



C4FFCD



004004



E1FFE9



002A00



000C00



000000



56A663



56A663



45A655



67A671

 35A647

 77A67F

 24A639

 88A68D

 14A62B

 98A69B

 03A61D

 A9A6A9

 00A61B

 BAA6B6

 CAA6C4

 DBA6D2

 EBA6E0

Harmonies

Analogous

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



8A9E45



56A663



00AA8D

Triad

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



56A663



2C9CE9



E47474

Complementary

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



56A663



A65699

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.



DF729E



56A663



8D8DE2

Square

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



56A663



00A6DA



C37CC6



D38151

Rectangle

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



56A663



00ABAA



C37CC6



E57281

Sweetspot

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



56A663



BAD9BF



9AA656



5B6E5E



EDEDED



6E6E6E

Same Dimension

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



56A663



5BD96F



56A68A



4C544D



009418



001403

Inverse Universe

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



A65699



D95BC4



A65672



544C53



94007C



140011

Previews

White Background



This preview shows how the Hex color 56A663 looks on a white background.

Color Contrast Check

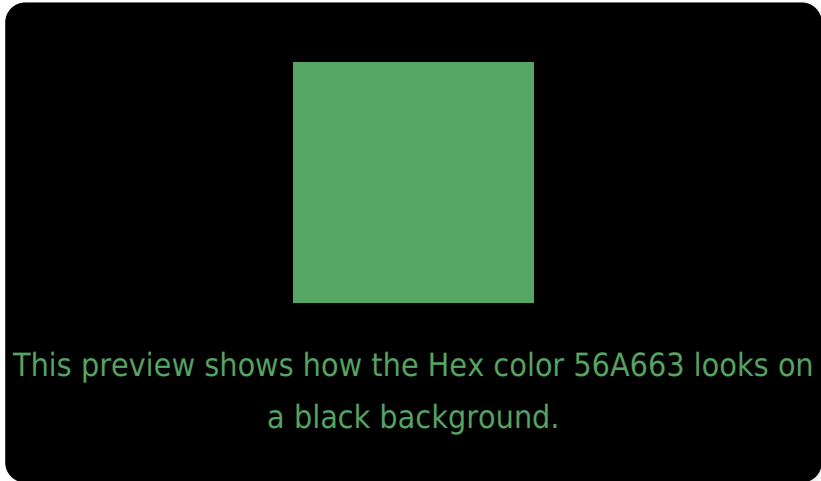
Large Text (above 18pt) WCAG AA × Fail

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

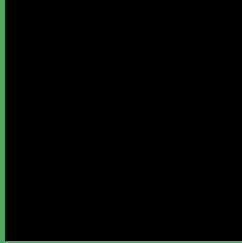
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 56A663 Background



This preview shows how black text looks on a background with the Hex color 56A663.



This preview shows how white text looks on a background with the Hex color 56A663.

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



Original Color
56A663

Protanopia
A2945C

Deuteranopia
B18E69

Trichromacy



Original Color
56A663



Protanomaly
869B5F



Deuteranomaly
909767



Tritanomaly
60A190

Monochromacy



Original Color
56A663



Achromatopsia
868686



Achromatomaly
759279

CSS Examples

Text

The CSS property to change the color of the text to Hex 56A663 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 #56A663 looks like.

```
.text, #text, p{  
    color:#56A663  
}
```

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 #56A663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A663
}
```

Border

The CSS property to change the border of an element to Hex 56A663 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
#56A663 }
```

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

```
.border{ border-color:#56A663 }
```

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

Here you see how a box with a 4 pixel #56A663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A663; -webkit-box-shadow:4px 4px  
4px 4px #56A663; box-shadow:4px 4px 4px  
4px #56A663 }
```

Background

The CSS property to change the background color of an element to Hex 56A663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A663 }
```

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

```
.background{ background-color:#56A663 }
```

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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