

# Converting Colors

Hex(56A562)

Have a look what the booklet for  
Hex(56A562) contains.

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**Color**

**Hex(56A562)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56A562
RGB	86, 165, 98
RGB Percent	34%, 65%, 38%
CMY	0.6627, 0.3529, 0.6157
CMYK	0.48, 0.00, 0.41, 0.35
HSL	129°, 31%, 49%
HSV	129°, 48%, 65%
XYZ	19.4975, 29.7705, 16.2739
YIQ	133.7410, -25.5770, -37.5850

# Conversions

## Conversions Part 2

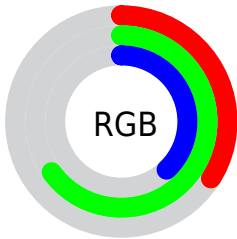
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 155, 165
Decimal	5678434
CIELab	61.46, -38.98, 27.41
CIElCh	61, 47.648, 144.889
Yxy	29.7705, 0.2975, 0.4542
Android (android.graphics.Color)	4283868514 (0xFF56A562)
YUV	133.7410, -17.6203, -41.8689
Hunter-Lab	54.5624, -31.6984, 20.5097

# Details

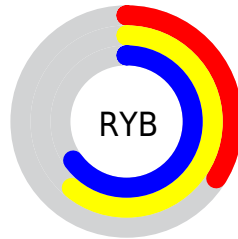
The Hex color **56A562** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A55699**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8CDD95**, and **1D7032** is the 20% darker color. If you saturate the color by 10%, you get **46A554**, and if you desaturate by 10%, it is **67A570**.

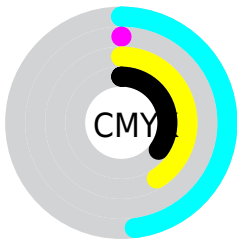
# Distribution



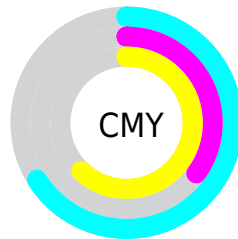
- Red (34%)
- Green (65%)
- Blue (38%)



- Red (34%)
- Yellow (61%)
- Blue (65%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (66%)
- Magenta (35%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56A562 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 56A562 by changing the saturation by 10% instead.





56A562



56A562

FFFFFF



3B8A4A



8CDD95



1D7032



A8F9B0



00571B



C4FFCC



003F03



E1FFE8



002900



000A00



000000



56A562



56A562



46A554



67A570

 35A546

 77A57E

 24A538

 88A58C

 14A52A

 98A59A

 04A51C

 A9A5A8

 00A519

 B9A5B6

 C9A5C4

 DAA5D2

 EBA5E0

# Harmonies

## Analogous

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



8A9D44



56A562



00A98B

# Triad

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



56A562



299BE8



E37373

# Complementary

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



56A562



A55699

# 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.



DE719D



56A562



8B8CE1

# Square

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



56A562



00A5D8



C27CC5



D28050

# Rectangle

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



56A562



00AAA9



C27CC5



E47181



# Sweetspot

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



56A562



B8D6BD



99A556



596B5C



EBEBEB



6B6B6B



# Same Dimension

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



56A562



5CD66F



56A589



49524B



009116



001203



# Inverse Universe

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



A55699



D65CC4



A55672



524950



91007B



12000F



# Previews

## White Background



This preview shows how the Hex color 56A562 looks on a white background.

## Color Contrast Check

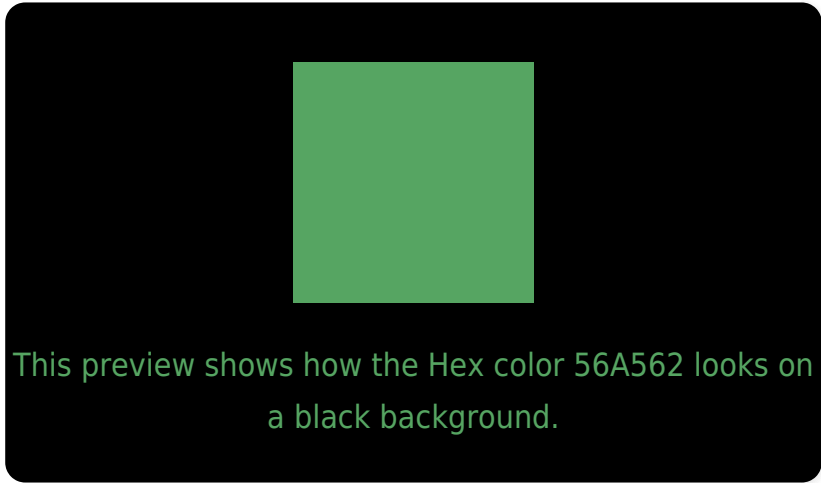
Large Text (above 18pt) WCAG AA ✓ Pass

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 56A562 Background



This preview shows how black text looks on a background with the Hex color 56A562.

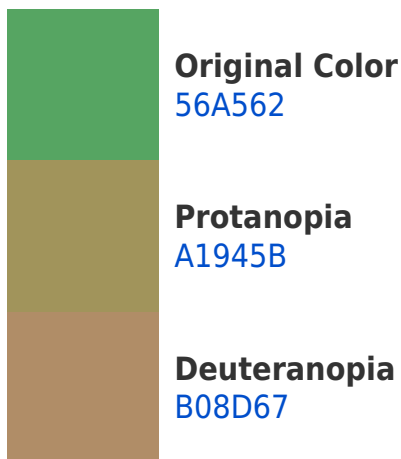


This preview shows how white text looks on a background with the Hex color 56A562.

# 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](#).

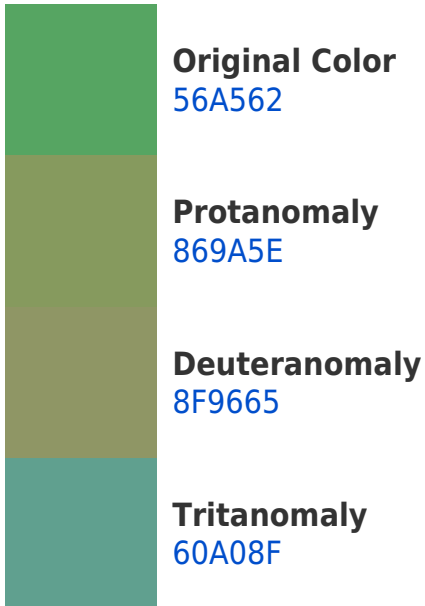
## Dichromacy





**Tritanopia**  
669DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56A562 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 #56A562 looks like.

```
.text, #text, p{  
    color:#56A562  
}
```

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 #56A562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A562
}
```

## Border

The CSS property to change the border of an element to Hex 56A562 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
#56A562 }
```

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

```
.border{ border-color:#56A562 }
```

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

Here you see how a box with a 4 pixel #56A562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A562; -webkit-box-shadow:4px 4px  
4px 4px #56A562; box-shadow:4px 4px 4px  
4px #56A562 }
```

# Background

The CSS property to change the background color of an element to Hex 56A562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A562 }
```

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

```
.background{ background-color:#56A562 }
```

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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