

# Converting Colors

Hex(56C65A)

Have a look what the booklet for  
Hex(56C65A) contains.

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# **Color**

**Hex(56C65A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56C65A
RGB	86, 198, 90
RGB Percent	34%, 78%, 35%
CMY	0.6627, 0.2235, 0.6471
CMYK	0.57, 0.00, 0.55, 0.22
HSL	122°, 50%, 56%
HSV	122°, 57%, 78%
XYZ	25.8773, 43.1048, 16.6290
YIQ	152.2000, -32.0840, -57.3320

# Conversions

## Conversions Part 2

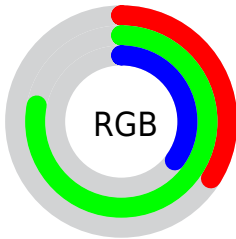
Format	Color
<a href="#">RYB</a>	<a href="#">86, 194, 198</a>
Decimal	<a href="#">5686874</a>
CIELab	<a href="#">71.63, -53.63, 44.17</a>
CIElCh	<a href="#">72, 69.484, 140.525</a>
Yxy	<a href="#">43.1048, 0.3023, 0.5035</a>
Android (android.graphics.Color)	<a href="#">4283876954 (0xFF56C65A)</a>
YUV	<a href="#">152.2000, -30.6646, -58.0574</a>
Hunter-Lab	<a href="#">65.6542, -44.5400, 30.9409</a>

# Details

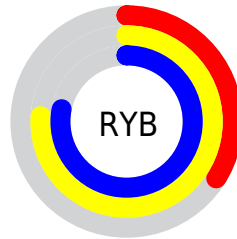
The Hex color **56C65A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C656C2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **91FF8F**, and **048F27** is the 20% darker color. If you saturate the color by 10%, you get **42C647**, and if you desaturate by 10%, it is **6AC66D**.

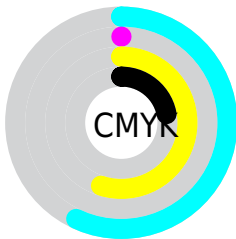
# Distribution



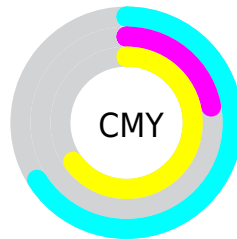
- Red (34%)
- Green (78%)
- Blue (35%)



- Red (34%)
- Yellow (76%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (55%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56C65A 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 56C65A by changing the saturation by 10% instead.



 56C65A

 56C65A

FFFFFF

 36AA40

 91FF8F

 048F27

 AEFFAA

 007508

 CBFFC6

 005B00

 E9FFE2

 004200

 002C00

 000B00

 000000

 56C65A

 56C65A

 42C647

 6AC66D

 2EC634

 7EC680

 1BC621

 91C693

 07C60E

 A5C6A6

 00C607

 B9C6B9

 CDC6CD

 E1C6E0

 F4C6F3

 FFC6FF

# Harmonies

## Analogous

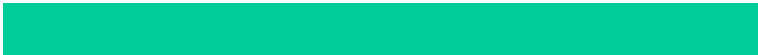
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6B929



56C65A



00CC99

# Triad

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



56C65A



00BDFE



FF7687

# Complementary

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



56C65A



C656C2

# 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.



FF75C6



56C65A



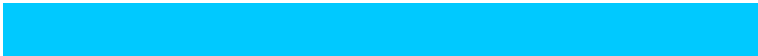
8AA7FF

# Square

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



56C65A



00C9FF



E88BFF



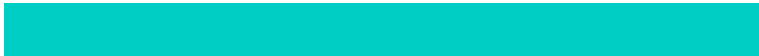
FF8C4E

# Rectangle

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



56C65A



00CEC5



E88BFF



FF739C

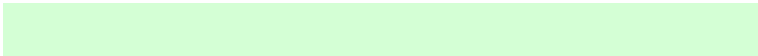


# Sweetspot

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



56C65A



D4FFD5



C2C656



668067



000000



808080



# Same Dimension

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



56C65A



52FF58



56C692



5A635A



00A306



002401



# Inverse Universe

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



C656C2



FF52F9



C6568A



635A63



A3009D



240022



# Previews

## White Background



This preview shows how the Hex color 56C65A looks on a white background.

## Color Contrast Check

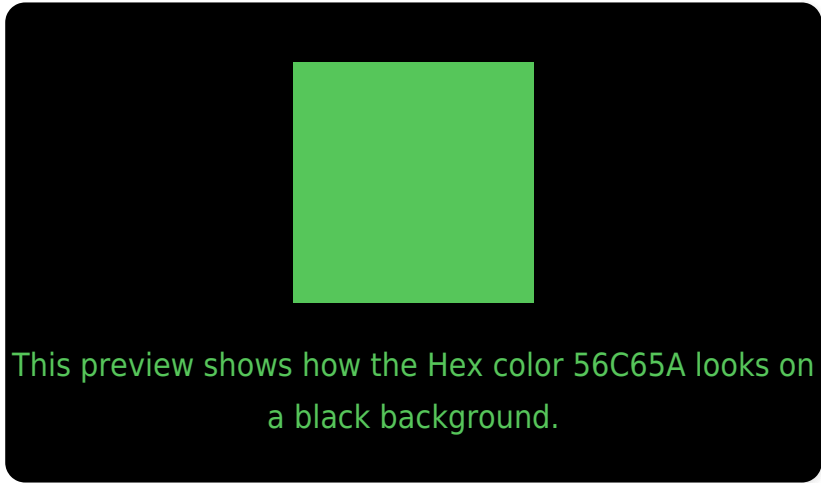
Large Text (above 18pt) WCAG AA × Fail

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

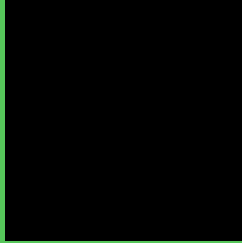
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 56C65A Background



This preview shows how black text looks on a background with the Hex color 56C65A.

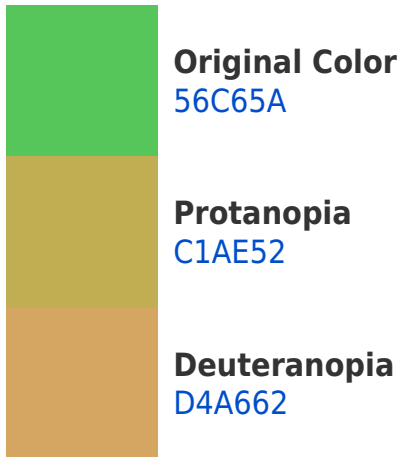


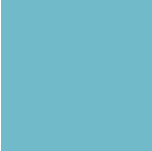
This preview shows how white text looks on a background with the Hex color 56C65A.

# 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**  
70BAC9

# Trichromacy



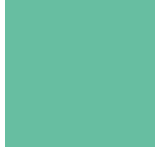
**Original Color**  
56C65A



**Protanomaly**  
9AB755



**Deuteranomaly**  
A6B25F



**Tritanomaly**  
67BEA1

# Monochromacy



**Original Color**  
56C65A



**Achromatopsia**  
989898



**Achromatomaly**  
80A981

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56C65A 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 #56C65A looks like.

```
.text, #text, p{  
    color:#56C65A  
}
```

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 #56C65A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C65A
}
```

## Border

The CSS property to change the border of an element to Hex 56C65A 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
#56C65A }
```

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

```
.border{ border-color:#56C65A }
```

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

Here you see how a box with a 4 pixel #56C65A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C65A; -webkit-box-shadow:4px 4px  
4px 4px #56C65A; box-shadow:4px 4px 4px  
4px #56C65A }
```

# Background

The CSS property to change the background color of an element to Hex 56C65A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C65A }
```

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

```
.background{ background-color:#56C65A }
```

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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