

# Converting Colors

Hex(56D55A)

Have a look what the booklet for  
Hex(56D55A) contains.

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**Color**

**Hex(56D55A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56D55A
RGB	86, 213, 90
RGB Percent	34%, 84%, 35%
CMY	0.6627, 0.1647, 0.6471
CMYK	0.60, 0.00, 0.58, 0.16
HSL	122°, 60%, 59%
HSV	122°, 60%, 84%
XYZ	29.4775, 50.3051, 17.8291
YIQ	161.0050, -36.2090, -65.1770

# Conversions

## Conversions Part 2

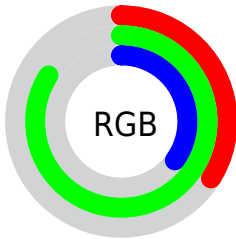
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 209, 213
Decimal	5690714
CIELab	76.26, -59.21, 49.64
CIElCh	76, 77.270, 140.022
Yxy	50.3051, 0.3020, 0.5154
Android (android.graphics.Color)	4283880794 (0xFF56D55A)
YUV	161.0050, -35.0055, -65.7794
Hunter-Lab	70.9261, -49.9346, 34.7442

# Details

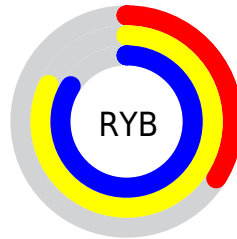
The Hex color **56D55A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **D556D1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **93FF8F**, and **009D24** is the 20% darker color. If you saturate the color by 10%, you get **41D545**, and if you desaturate by 10%, it is **6BD56F**.

# Distribution



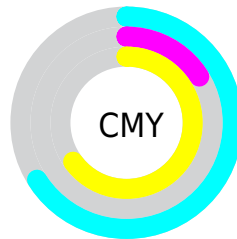
- Red (34%)
- Green (84%)
- Blue (35%)



- Red (34%)
- Yellow (82%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (58%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56D55A 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 56D55A by changing the saturation by 10% instead.



 56D55A

 56D55A

FFFFFF

 33B940


 93FF8F

 009D24

 B1FFAB

 008200

 CFFFC7

 006800

 EDFFE4

 004E00

 003700

 001E00

 000000

 56D55A

 56D55A

 41D545

 6BD56F

 2BD531

 81D583

 16D51C

 96D598

 01D507

 ABD5AD

 00D507

 C1D5C1

 D6D5D6

 EBD5EA

 FFD5FF

# Harmonies

## Analogous

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



B2C71D



56D55A



00DCA1

# Triad

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



56D55A



00CBFF



FF7990

# Complementary

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



56D55A



D556D1

# 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.



FF78D7



56D55A



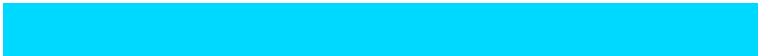
8CB3FF

# Square

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



56D55A



00D9FF



FA93FF



FF934F

# Rectangle

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



56D55A



00DED3



FA93FF



FF75A7

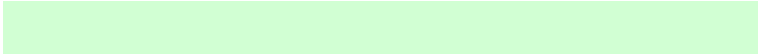


# Sweetspot

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



56D55A



D1FFD3



D3D556



638064



000000



808080



# Same Dimension

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



56D55A



47FF4D



56D598



606B61



00AB05



002B01



# Inverse Universe

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



D556D1



FF47F9



D55693



6B606B



AB00A5

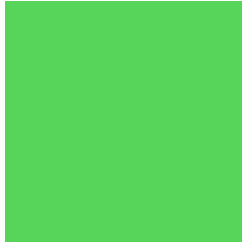


2B002A



# Previews

## White Background



This preview shows how the Hex color 56D55A 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



This preview shows how the Hex color 56D55A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

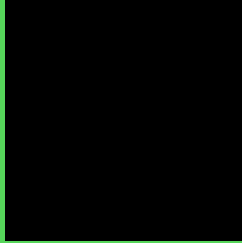
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 56D55A Background



This preview shows how black text looks on a background with the Hex color 56D55A.

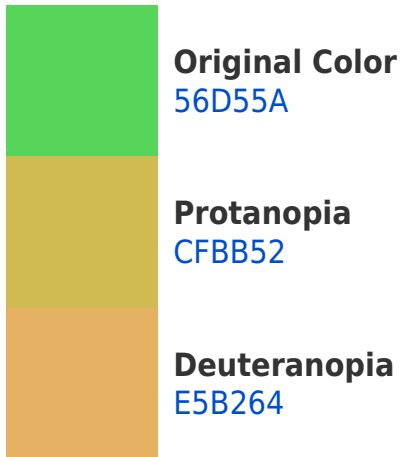


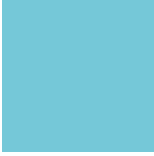
This preview shows how white text looks on a background with the Hex color 56D55A.

# 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**  
75C8D8

# Trichromacy



**Original Color**  
56D55A



**Protanomaly**  
A3C455



**Deuteranomaly**  
B1BF60



**Tritanomaly**  
6ACDAA

# Monochromacy



**Original Color**  
56D55A



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
86B487

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56D55A 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 #56D55A looks like.

```
.text, #text, p{  
    color:#56D55A  
}
```

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 #56D55A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D55A
}
```

## Border

The CSS property to change the border of an element to Hex 56D55A 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
#56D55A }
```

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

```
.border{ border-color:#56D55A }
```

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

Here you see how a box with a 4 pixel #56D55A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D55A; -webkit-box-shadow:4px 4px  
4px 4px #56D55A; box-shadow:4px 4px 4px  
4px #56D55A }
```

# Background

The CSS property to change the background color of an element to Hex 56D55A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D55A }
```

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

```
.background{ background-color:#56D55A }
```

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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