

Converting Colors

Hex(56D956)

Have a look what the booklet for
Hex(56D956) contains.

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Color

Hex(56D956)

Conversions

Conversions Part 1

Format	Color
Hex	56D956
RGB	86, 217, 86
RGB Percent	34%, 85%, 34%
CMY	0.6627, 0.1490, 0.6627
CMYK	0.60, 0.00, 0.60, 0.15
HSL	120°, 63%, 59%
HSV	120°, 60%, 85%
XYZ	30.3303, 52.2760, 17.2958
YIQ	162.8970, -36.0250, -68.5130

Conversions

Conversions Part 2

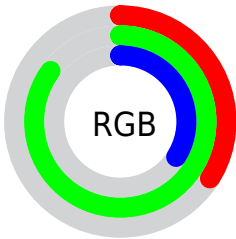
Format	Color
RYB	86, 217, 217
Decimal	5691734
CIELab	77.45, -61.11, 52.80
CIELCh	77, 80.756, 139.172
Yxy	52.2760, 0.3036, 0.5233
Android (android.graphics.Color)	4283881814 (0xFF56D956)
YUV	162.8970, -37.9102, -67.4387
Hunter-Lab	72.3022, -51.6491, 36.4284

Details

The Hex color **56D956** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D956D9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **94FF8C**, and **00A11E** is the 20% darker color. If you saturate the color by 10%, you get **40D940**, and if you desaturate by 10%, it is **6CD96C**.

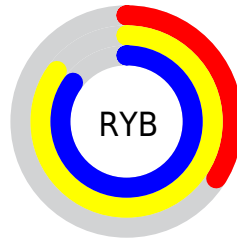
Distribution



Red (34%)

Green (85%)

Blue (34%)



Red (34%)

Yellow (85%)

Blue (85%)

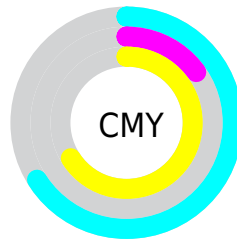


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (15%)



Cyan (66%)

Magenta (15%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D956 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 56D956 by changing the saturation by 10% instead.

 56D956

 56D956

FFFFFF

 32BD3B

 94FF8C

 00A11E

 B2FFA7

 008600

 D0FFC3

 006B00

 EEFFE0

 005200

FFFFFFD

 003A00

 002100

 000000

 56D956

 56D956

 40D940

 6CD96C

 2BD92B

 81D981

 15D915

 97D997

 00D900

 ADD9AD

 C3D9C3

 D8D9D8

 EED9EE

 FFD9FF

Harmonies

Analogous

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



B6CA0C



56D956



00E0A1

Triad

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



56D956



00D0FF



FF7793

Complementary

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



56D956



D956D9

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.



FF77DE



56D956



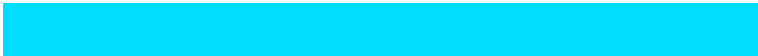
86B7FF

Square

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



56D956



00DDFF



FE95FF



FF934F

Rectangle

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



56D956



00E2D5



FE95FF



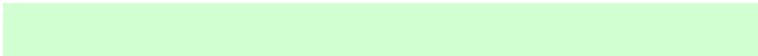
FF73AB

Sweetspot

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



56D956



D1FFD1



D9D956



638063



000000



808080

Same Dimension

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



56D956



47FF47



56D998



636E63



00AD00



002E00

Inverse Universe

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



D956D9



FF47FF



D95698



6E636E



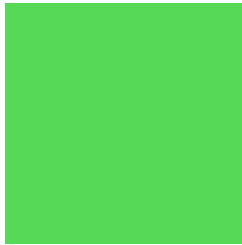
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 56D956 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 56D956 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 56D956 Background



This preview shows how black text looks on a background with the Hex color 56D956.

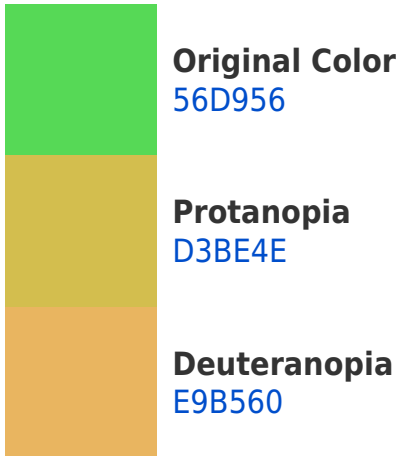


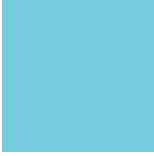
This preview shows how white text looks on a background with the Hex color 56D956.

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](#).

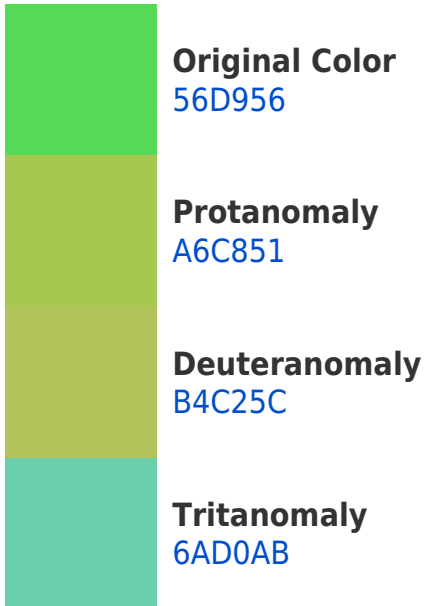
Dichromacy



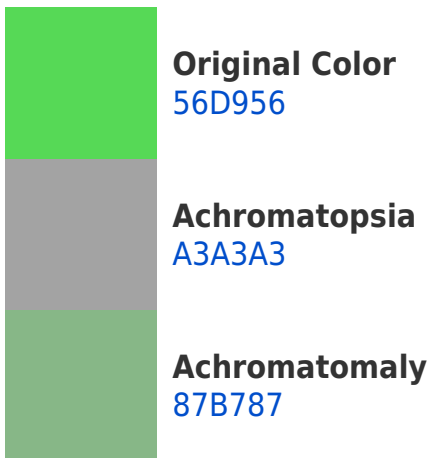


Tritanopia
76CBDC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56D956 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 #56D956 looks like.

```
.text, #text, p{  
    color:#56D956  
}
```

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 #56D956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D956
}
```

Border

The CSS property to change the border of an element to Hex 56D956 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
#56D956 }
```

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

```
.border{ border-color:#56D956 }
```

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

Here you see how a box with a 4 pixel #56D956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D956; -webkit-box-shadow:4px 4px  
4px 4px #56D956; box-shadow:4px 4px 4px  
4px #56D956 }
```

Background

The CSS property to change the background color of an element to Hex 56D956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D956 }
```

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

```
.background{ background-color:#56D956 }
```

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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