

Converting Colors

Hex(56D177)

Have a look what the booklet for
Hex(56D177) contains.

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Color

Hex(56D177)

Conversions

Conversions Part 1

Format	Color
Hex	56D177
RGB	86, 209, 119
RGB Percent	34%, 82%, 47%
CMY	0.6627, 0.1804, 0.5333
CMYK	0.59, 0.00, 0.43, 0.18
HSL	136°, 57%, 58%
HSV	136°, 59%, 82%
XYZ	29.9680, 48.9113, 25.3141
YIQ	161.9630, -44.4180, -54.0660

Conversions

Conversions Part 2

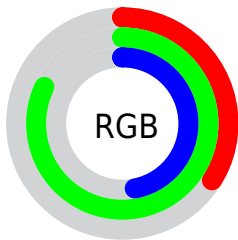
Format	Color
RYB	86, 183, 209
Decimal	5689719
CIELab	75.40, -53.64, 34.60
CIELCh	75, 63.829, 147.175
Yxy	48.9113, 0.2876, 0.4694
Android (android.graphics.Color)	4283879799 (0xFF56D177)
YUV	161.9630, -21.1808, -66.6196
Hunter-Lab	69.9366, -45.9014, 27.4951

Details

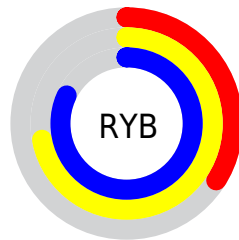
The Hex color **56D177** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D156B0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **92FFAC**, and **009945** is the 20% darker color. If you saturate the color by 10%, you get **41D168**, and if you desaturate by 10%, it is **6BD186**.

Distribution



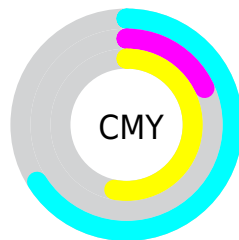
- Red (34%)
- Green (82%)
- Blue (47%)



- Red (34%)
- Yellow (72%)
- Blue (82%)



- Cyan (59%)
- Magenta (0%)
- Yellow (43%)
- Black (18%)



- Cyan (66%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D177 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 56D177 by changing the saturation by 10% instead.

 56D177

 56D177

FFFFFF

 35B55E

 92FFAC

 009945

 AFFFC8

 007F2D

 CDFFE4

 006514

 EAFFFF

 004B00

 003400

 001B00

 000000

 56D177

 56D177

 41D168

 6BD186

 2CD158

 80D196

 17D149

 95D1A5

 02D13A

 AAD1B4

 00D138

 BFD1C3

 D3D1D3

 E8D1E2

 FDD1F1

 FFD1FF

Harmonies

Analogous

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



A5C64A



56D177



00D6B2

Triad

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



56D177



00C2FF



FF8A87

Complementary

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



56D177



D156B0

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.



FF85C2



56D177



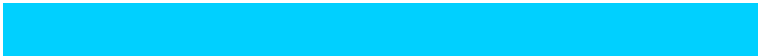
B2ACFF

Square

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



56D177



00D0FF



FC94FA



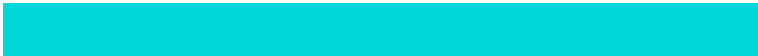
FF9E57

Rectangle

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



56D177



00D7DB



FC94FA



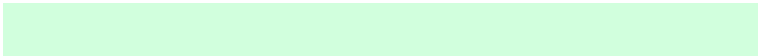
FF869A

Sweetspot

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



56D177



D1FFDD



B0D156



63806B



000000



808080

Same Dimension

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



56D177



4AFF7B



56D1B4



5E6961



00A82D



00290B

Inverse Universe

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



D156B0



FF4ACE



D15673



695E66



A8007B



29001E

Previews

White Background



This preview shows how the Hex color 56D177 looks on a white background.

Color Contrast Check

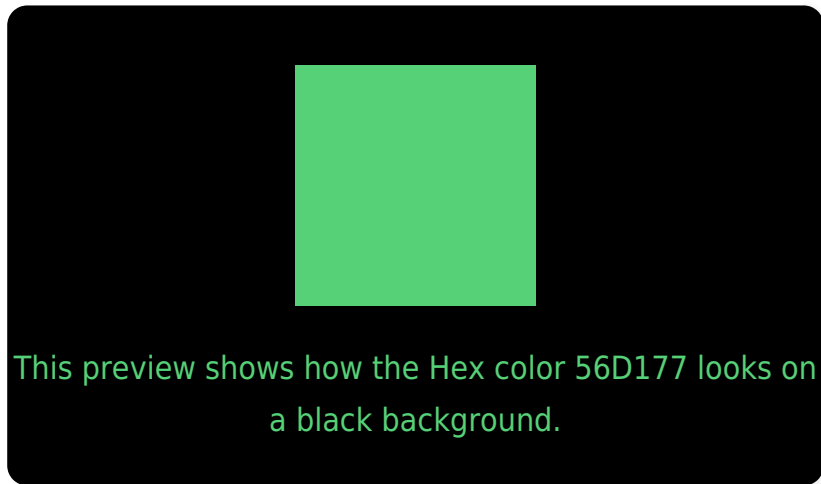
Large Text (above 18pt) WCAG AA × Fail

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

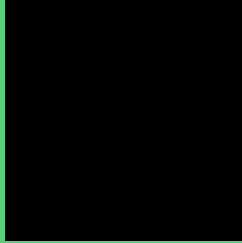
Any Text WCAG AA ✓ Pass

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 56D177 Background



This preview shows how black text looks on a background with the Hex color 56D177.

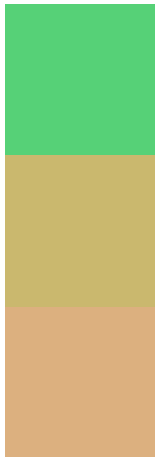


This preview shows how white text looks on a background with the Hex color 56D177.

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](#).

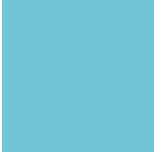
Dichromacy



Original Color
56D177

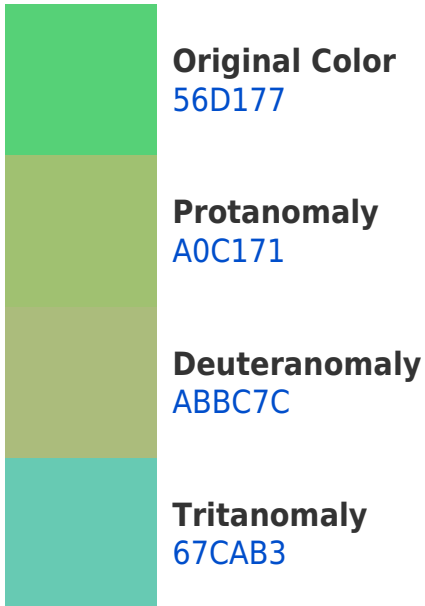
Protanopia
CAB86E

Deuteranopia
DCB07F

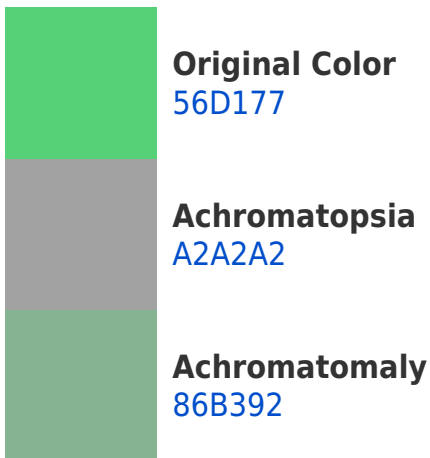


Tritanopia
70C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56D177 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 #56D177 looks like.

```
.text, #text, p{  
    color:#56D177  
}
```

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 #56D177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D177
}
```

Border

The CSS property to change the border of an element to Hex 56D177 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
#56D177 }
```

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

```
.border{ border-color:#56D177 }
```

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

Here you see how a box with a 4 pixel #56D177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D177; -webkit-box-shadow:4px 4px  
4px 4px #56D177; box-shadow:4px 4px 4px  
4px #56D177 }
```

Background

The CSS property to change the background color of an element to Hex 56D177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D177 }
```

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

```
.background{ background-color:#56D177 }
```

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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