

Converting Colors

Hex(56AD78)

Have a look what the booklet for
Hex(56AD78) contains.

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Color

Hex(56AD78)

Conversions

Conversions Part 1

Format	Color
Hex	56AD78
RGB	86, 173, 120
RGB Percent	34%, 68%, 47%
CMY	0.6627, 0.3216, 0.5294
CMYK	0.50, 0.00, 0.31, 0.32
HSL	143°, 35%, 51%
HSV	143°, 50%, 68%
XYZ	22.1715, 33.2216, 23.0132
YIQ	140.9450, -34.8390, -34.9270

Conversions

Conversions Part 2

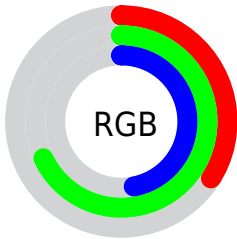
Format	Color
RYB	86, 149, 173
Decimal	5680504
CIELab	64.34, -38.50, 19.38
CIElCh	64, 43.106, 153.278
Yxy	33.2216, 0.2828, 0.4237
Android (android.graphics.Color)	4283870584 (0xFF56AD78)
YUV	140.9450, -10.3259, -48.1868
Hunter-Lab	57.6382, -32.2039, 16.6741

Details

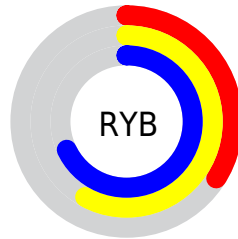
The Hex color **56AD78** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD568B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8DE5AD**, and **1A7847** is the 20% darker color. If you saturate the color by 10%, you get **45AD6D**, and if you desaturate by 10%, it is **67AD83**.

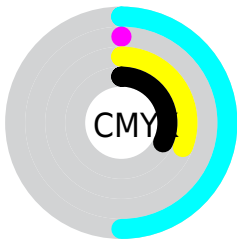
Distribution



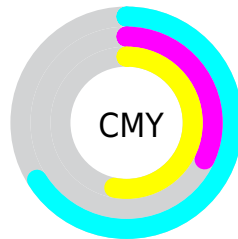
- Red (34%)
- Green (68%)
- Blue (47%)



- Red (34%)
- Yellow (58%)
- Blue (68%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (32%)



- Cyan (66%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56AD78 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 56AD78 by changing the saturation by 10% instead.

 56AD78

 56AD78

FFFFFF

 3A925F

 8DE5AD

 1A7847

 A9FFC8

 005E30

 C5FFE4

 00461A

 E2FFFF

 002F02

 001800

 000000

 56AD78

 56AD78

 45AD6D

 67AD83

 33AD63

 79AD8D

 22AD58

 8AAD98

 11AD4E

 9BADA2

 00AD44

 ADADAD

 BEADB7

 CFADC2

 E0ADCC

 F2ADD7

Harmonies

Analogous

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



87A65A



56AD78



00B09F

Triad

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



56AD78



649FE9



E28174

Complementary

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



56AD78



AD568B

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.



E47C99



56AD78



A590DC

Square

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



56AD78



00A9E0



CF83BF



CF8E58

Rectangle

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



56AD78



00B0B9



CF83BF



E57E80

Sweetspot

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



56AD78



BFE0CC



8CAD56



5C7064



F0F0F0



707070

Same Dimension

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



56AD78



5AE08E



56ADA3



4E5751



00963B



001709

Inverse Universe

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



AD568B



E05AAC



AD5660



574E53



96005C



17000E

Previews

White Background



This preview shows how the Hex color 56AD78 looks on a white background.

Color Contrast Check

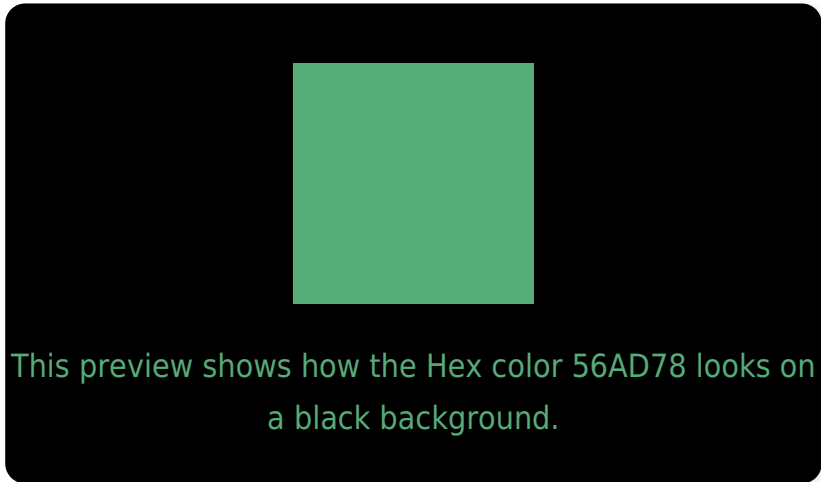
Large Text (above 18pt) WCAG AA × Fail

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 56AD78 Background



This preview shows how black text looks on a background with the Hex color 56AD78.

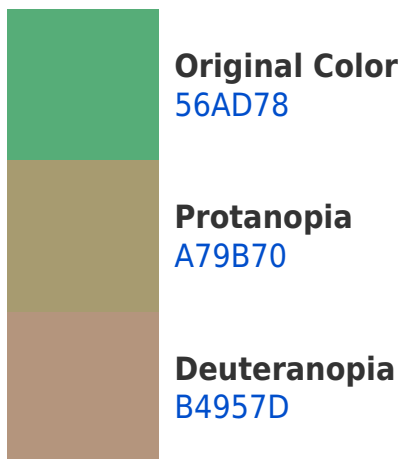


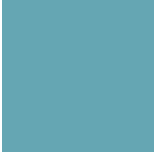
This preview shows how white text looks on a background with the Hex color 56AD78.

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
65A6B3

Trichromacy



Original Color
56AD78



Protanomaly
8AA273



Deuteranomaly
929E7B



Tritanomaly
60A99E

Monochromacy



Original Color
56AD78



Achromatopsia
8D8D8D



Achromatomaly
799985

CSS Examples

Text

The CSS property to change the color of the text to Hex 56AD78 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 #56AD78 looks like.

```
.text, #text, p{  
    color:#56AD78  
}
```

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 #56AD78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AD78
}
```

Border

The CSS property to change the border of an element to Hex 56AD78 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
#56AD78 }
```

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

```
.border{ border-color:#56AD78 }
```

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

Here you see how a box with a 4 pixel #56AD78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AD78; -webkit-box-shadow:4px 4px  
4px 4px #56AD78; box-shadow:4px 4px 4px  
4px #56AD78 }
```

Background

The CSS property to change the background color of an element to Hex 56AD78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AD78 }
```

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

```
.background{ background-color:#56AD78 }
```

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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