

Converting Colors

Hex(51AD6A)

Have a look what the booklet for
Hex(51AD6A) contains.

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Color

Hex(51AD6A)

Conversions

Conversions Part 1

Format	Color
Hex	51AD6A
RGB	81, 173, 106
RGB Percent	32%, 68%, 42%
CMY	0.6824, 0.3216, 0.5843
CMYK	0.53, 0.00, 0.39, 0.32
HSL	136°, 36%, 50%
HSV	136°, 53%, 68%
XYZ	20.9384, 32.6771, 18.8394
YIQ	137.8540, -33.3250, -40.3410

Conversions

Conversions Part 2

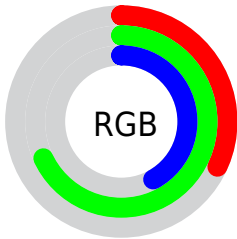
Format	Color
RYB	81, 153, 173
Decimal	5352810
CIELab	63.90, -42.41, 26.31
CIELCh	64, 49.912, 148.189
Yxy	32.6771, 0.2890, 0.4510
Android (android.graphics.Color)	4283542890 (0xFF51AD6A)
YUV	137.8540, -15.7040, -49.8610
Hunter-Lab	57.1639, -34.6544, 20.4746

Details

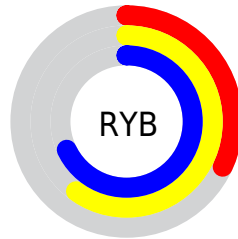
The Hex color **51AD6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD5194**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **89E59E**, and **0F783A** is the 20% darker color. If you saturate the color by 10%, you get **40AD5D**, and if you desaturate by 10%, it is **62AD77**.

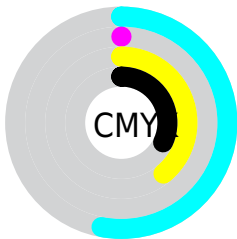
Distribution



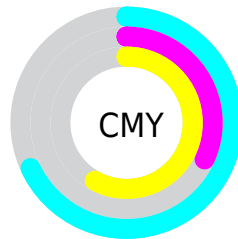
- Red (32%)
- Green (68%)
- Blue (42%)



- Red (32%)
- Yellow (60%)
- Blue (68%)



- Cyan (53%)
- Magenta (0%)
- Yellow (39%)
- Black (32%)



- Cyan (68%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51AD6A 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 51AD6A by changing the saturation by 10% instead.

 51AD6A

 51AD6A

FFFFFF

 349251

 89E59E

 0F783A

 A5FFB9

 005E23

 C1FFD5

 00460C

 DEFFF1

 002F00

 FCFFFF

 001600

 000000

 51AD6A

 51AD6A

 40AD5D

 62AD77

 2EAD51

 74AD83

 1DAD44

 85AD90

 0CAD38

 96AD9C

 00AD2F

 A8ADA9

 B9ADB6

 CAADC2

 DBADCF

 EDADDB

Harmonies

Analogous

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



8AA549



51AD6A



00B197

Triad

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



51AD6A



3AA0F4



EC7973

Complementary

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



51AD6A



AD5194

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.



EA759F



51AD6A



9990E9

Square

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



51AD6A



00ABE6



CF7FCA



D98750

Rectangle

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



51AD6A



00B1B5



CF7FCA



EE7681

Sweetspot

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



51AD6A



BCE0C6



94AD51



5B7061



F0F0F0



707070

Same Dimension

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



51AD6A



51E078



51AD98



4E5750



009629



001706

Inverse Universe

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



AD5194



E051B9



AD5166



574E54



96006E



170011

Previews

White Background



This preview shows how the Hex color 51AD6A looks on a white background.

Color Contrast Check

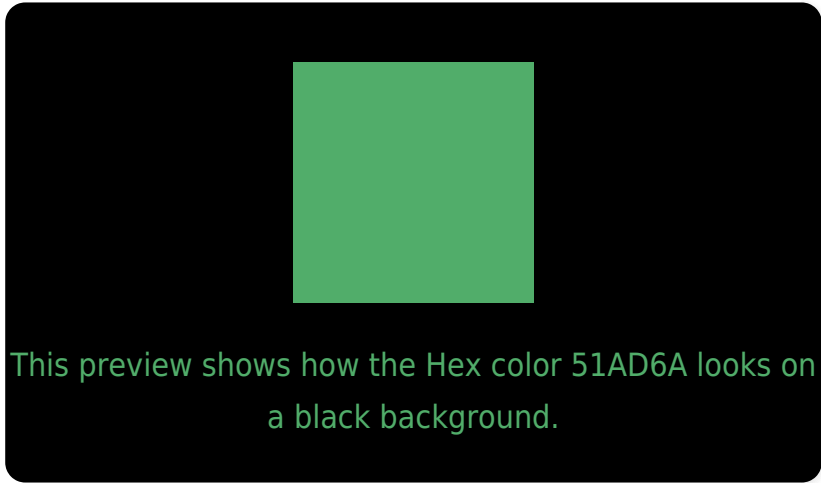
Large Text (above 18pt) WCAG AA × Fail

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

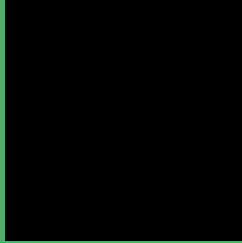
Any Text WCAG AA ✓ Pass

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 51AD6A Background



This preview shows how black text looks on a background with the Hex color 51AD6A.

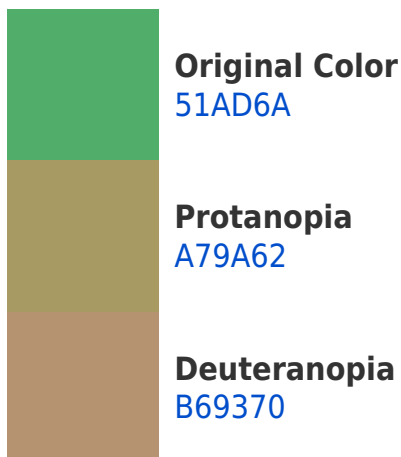


This preview shows how white text looks on a background with the Hex color 51AD6A.

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](#).

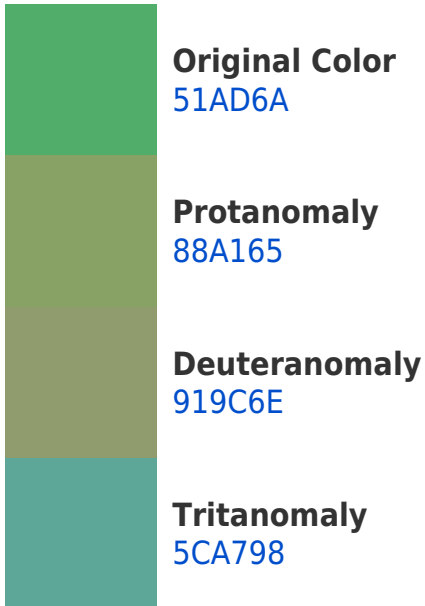
Dichromacy





Tritanopia
63A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51AD6A 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 #51AD6A looks like.

```
.text, #text, p{  
    color:#51AD6A  
}
```

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 #51AD6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51AD6A
}
```

Border

The CSS property to change the border of an element to Hex 51AD6A 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
#51AD6A }
```

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

```
.border{ border-color:#51AD6A }
```

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

Here you see how a box with a 4 pixel #51AD6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51AD6A; -webkit-box-shadow:4px 4px  
4px 4px #51AD6A; box-shadow:4px 4px 4px  
4px #51AD6A }
```

Background

The CSS property to change the background color of an element to Hex 51AD6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51AD6A }
```

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

```
.background{ background-color:#51AD6A }
```

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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