

Converting Colors

Hex(56A15A)

Have a look what the booklet for
Hex(56A15A) contains.

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Color

Hex(56A15A)

Conversions

Conversions Part 1

Format	Color
Hex	56A15A
RGB	86, 161, 90
RGB Percent	34%, 63%, 35%
CMY	0.6627, 0.3686, 0.6471
CMYK	0.47, 0.00, 0.44, 0.37
HSL	123°, 30%, 48%
HSV	123°, 47%, 63%
XYZ	18.4281, 28.2064, 14.1460
YIQ	130.4810, -21.9090, -37.9810

Conversions

Conversions Part 2

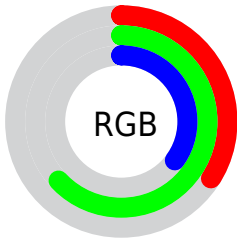
Format	Color
RYB	86, 157, 161
Decimal	5677402
CIELab	60.07, -38.52, 29.87
CIElCh	60, 48.742, 142.209
Yxy	28.2064, 0.3032, 0.4641
Android (android.graphics.Color)	4283867482 (0xFF56A15A)
YUV	130.4810, -19.9571, -39.0098
Hunter-Lab	53.1097, -31.0057, 21.3846

Details

The Hex color **56A15A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A1569D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8CD88D**, and **1E6D2A** is the 20% darker color. If you saturate the color by 10%, you get **46A14B**, and if you desaturate by 10%, it is **66A169**.

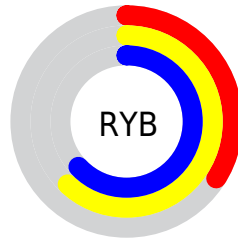
Distribution



Red (34%)

Green (63%)

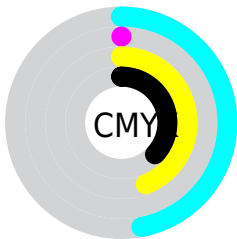
Blue (35%)



Red (34%)

Yellow (62%)

Blue (63%)

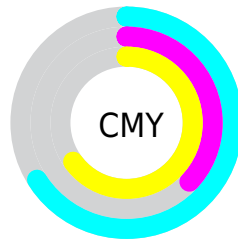


Cyan (47%)

Magenta (0%)

Yellow (44%)

Black (37%)



Cyan (66%)

Magenta (37%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A15A 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 56A15A by changing the saturation by 10% instead.

 56A15A

 56A15A

FFFFFF

 3B8642

 8CD88D

 1E6D2A

 A8F5A8

 005413

 C4FFC3

 003C00

 E1FFDF

 002700

 FEFFFC

 000100

 000000

 56A15A

 56A15A

 46A14B

 66A169

 36A13C

 76A178

 26A12C

 86A188

 16A11D

 96A197

 06A10E

 A7A1A6

 00A109

 B7A1B5

 C7A1C5

 D7A1D4

 E7A1E3

Harmonies

Analogous

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



8A983D



56A15A



00A684

Triad

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



56A15A



0099E6



E06E73

Complementary

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



56A15A



A1569D

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.



DA6D9E



56A15A



818AE0

Square

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



56A15A



00A2D4



BB79C6



D17A4E

Rectangle

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



56A15A



00A6A2



BB79C6



E16C81

Sweetspot

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



56A15A



B4D1B5



9DA156



576958



E8E8E8



696969

Same Dimension

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



56A15A



5CD162



56A17F



49524A



009108



001201

Inverse Universe

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



A1569D



D15CCB



A15678



524951



91008A



120011

Previews

White Background



This preview shows how the Hex color 56A15A looks on a white background.

Color Contrast Check

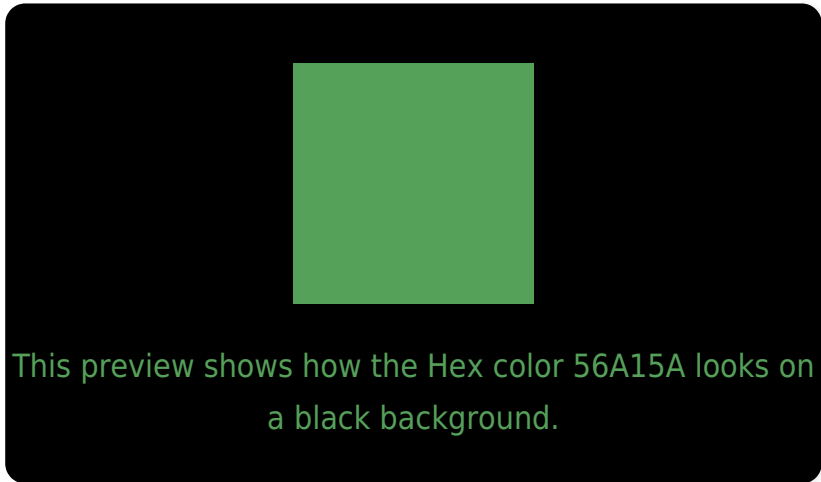
Large Text (above 18pt) WCAG AA ✓ Pass

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

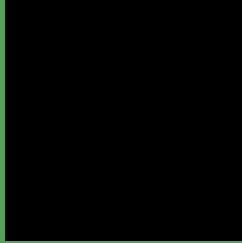
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 56A15A Background



This preview shows how black text looks on a background with the Hex color 56A15A.



This preview shows how white text looks on a background with the Hex color 56A15A.

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
56A15A

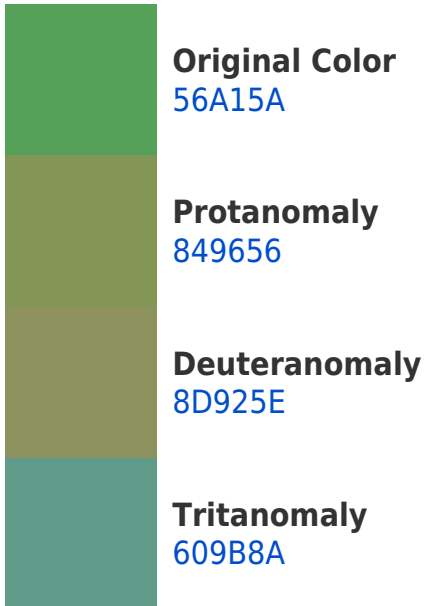
Protanopia
9E9054

Deuteranopia
AD8A60

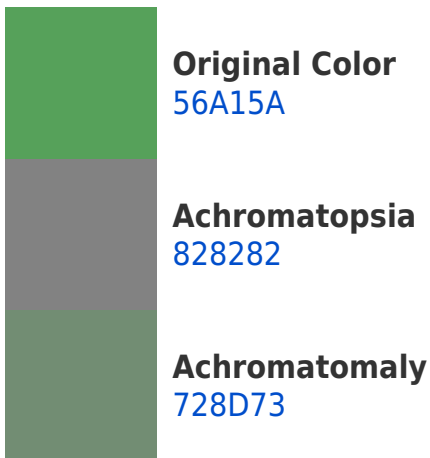


Tritanopia
6698A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A15A 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 #56A15A looks like.

```
.text, #text, p{  
    color:#56A15A  
}
```

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 #56A15A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A15A
}
```

Border

The CSS property to change the border of an element to Hex 56A15A 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
#56A15A }
```

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

```
.border{ border-color:#56A15A }
```

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

Here you see how a box with a 4 pixel #56A15A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A15A; -webkit-box-shadow:4px 4px  
4px 4px #56A15A; box-shadow:4px 4px 4px  
4px #56A15A }
```

Background

The CSS property to change the background color of an element to Hex 56A15A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A15A }
```

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

```
.background{ background-color:#56A15A }
```

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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