

Converting Colors

Hex(56A15F)

Have a look what the booklet for
Hex(56A15F) contains.

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Color

Hex(56A15F)

Conversions

Conversions Part 1

Format	Color
Hex	56A15F
RGB	86, 161, 95
RGB Percent	34%, 63%, 37%
CMY	0.6627, 0.3686, 0.6275
CMYK	0.47, 0.00, 0.41, 0.37
HSL	127°, 30%, 48%
HSV	127°, 47%, 63%
XYZ	18.6482, 28.2944, 15.3050
YIQ	131.0510, -23.5140, -36.4260

Conversions

Conversions Part 2

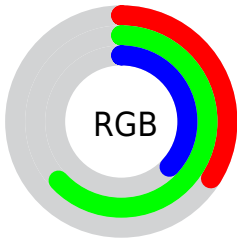
Format	Color
RYB	86, 153, 161
Decimal	5677407
CIELab	60.15, -37.71, 27.31
CIELCh	60, 46.562, 144.088
Yxy	28.2944, 0.2996, 0.4545
Android (android.graphics.Color)	4283867487 (0xFF56A15F)
YUV	131.0510, -17.7731, -39.5097
Hunter-Lab	53.1925, -30.5084, 20.1753

Details

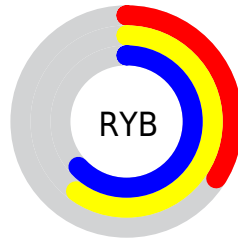
The Hex color **56A15F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A15698**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8CD892**, and **1E6D2F** is the 20% darker color. If you saturate the color by 10%, you get **46A151**, and if you desaturate by 10%, it is **66A16D**.

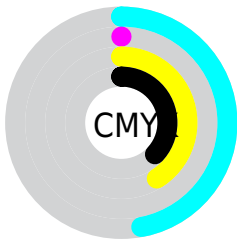
Distribution



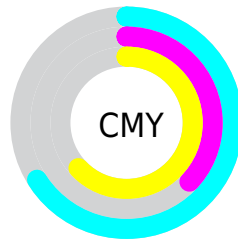
- Red (34%)
- Green (63%)
- Blue (37%)



- Red (34%)
- Yellow (60%)
- Blue (63%)



- Cyan (47%)
- Magenta (0%)
- Yellow (41%)
- Black (37%)



- Cyan (66%)
- Magenta (37%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A15F 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 56A15F by changing the saturation by 10% instead.

 56A15F

 56A15F

FFFFFF

 3B8647

 8CD892

 1E6D2F

 A8F5AD

 005419

 C4FFC9

 003C00

 E1FFE5

 002700

FEFFFF

 000100

 000000

 56A15F

 56A15F

 46A151

 66A16D

 36A143

 76A17B

 26A134

 86A18A

 16A126

 96A198

 06A118

 A7A1A6

 00A113

 B7A1B4

 C7A1C2

 D7A1D0

 E7A1DF

Harmonies

Analogous

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



889943



56A15F



00A587

Triad

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



56A15F



2598E2



DD7072

Complementary

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



56A15F



A15698

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.



D86F9B



56A15F



8789DC

Square

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



56A15F



00A1D3



BC79C2



CE7D50

Rectangle

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



56A15F



00A6A4



BC79C2



DE6E7F

Sweetspot

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



56A15F



B4D1B7



98A156



576959



E8E8E8



696969

Same Dimension

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



56A15F



5CD16A



56A184



49524A



009111



001202

Inverse Universe

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



A15698



D15CC3



A15673



524951



910080



120010

Previews

White Background



This preview shows how the Hex color 56A15F looks on a white background.

Color Contrast Check

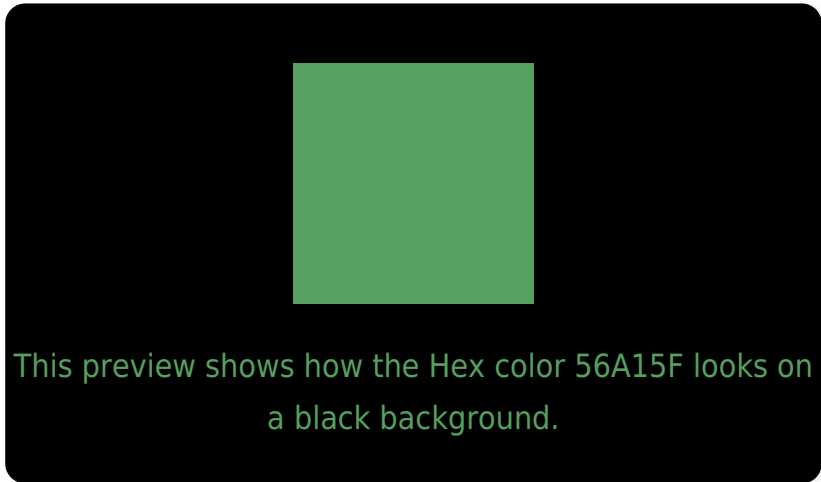
Large Text (above 18pt) WCAG AA ✓ Pass

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

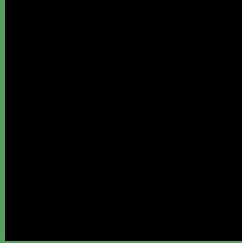
Any Text WCAG AA ✓ Pass

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 56A15F Background



This preview shows how black text looks on a background with the Hex color 56A15F.



This preview shows how white text looks on a background with the Hex color 56A15F.

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
56A15F

Protanopia
9D9058

Deuteranopia
AC8A64



Tritanopia
6599A5

Trichromacy



Original Color
56A15F



Protanomaly
83965B



Deuteranomaly
8D9262



Tritanomaly
609C8C

Monochromacy



Original Color
56A15F



Achromatopsia
838383



Achromatomaly
738E76

CSS Examples

Text

The CSS property to change the color of the text to Hex 56A15F 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 #56A15F looks like.

```
.text, #text, p{  
    color:#56A15F  
}
```

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 #56A15F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A15F
}
```

Border

The CSS property to change the border of an element to Hex 56A15F 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
#56A15F }
```

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

```
.border{ border-color:#56A15F }
```

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

Here you see how a box with a 4 pixel #56A15F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A15F; -webkit-box-shadow:4px 4px  
4px 4px #56A15F; box-shadow:4px 4px 4px  
4px #56A15F }
```

Background

The CSS property to change the background color of an element to Hex 56A15F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A15F }
```

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

```
.background{ background-color:#56A15F }
```

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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