

Converting Colors

Hex(358F56)

Have a look what the booklet for
Hex(358F56) contains.

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Color

Hex(358F56)

Conversions

Conversions Part 1

Format	Color
Hex	358F56
RGB	53, 143, 86
RGB Percent	21%, 56%, 34%
CMY	0.7922, 0.4392, 0.6627
CMYK	0.63, 0.00, 0.40, 0.44
HSL	142°, 46%, 38%
HSV	142°, 63%, 56%
XYZ	12.9704, 21.0737, 12.1881
YIQ	109.5920, -35.3430, -36.8070

Conversions

Conversions Part 2

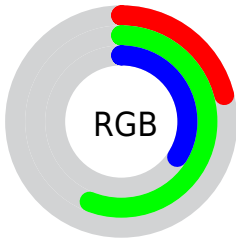
Format	Color
RYB	53, 119, 143
Decimal	3510102
CIELab	53.03, -40.12, 22.63
CIELCh	53, 46.065, 150.577
Yxy	21.0737, 0.2805, 0.4558
Android (android.graphics.Color)	4281700182 (0xFF358F56)
YUV	109.5920, -11.6309, -49.6312
Hunter-Lab	45.9061, -29.9020, 16.3927

Details

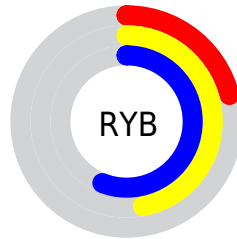
The Hex color **358F56** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F356E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6DC688**, and **005C28** is the 20% darker color. If you saturate the color by 10%, you get **278F4D**, and if you desaturate by 10%, it is **438F5F**.

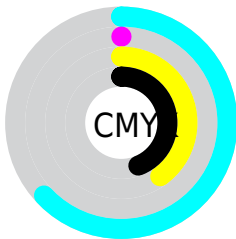
Distribution



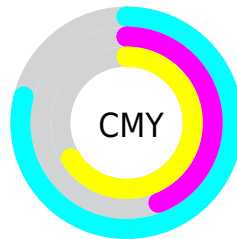
- Red (21%)
- Green (56%)
- Blue (34%)



- Red (21%)
- Yellow (47%)
- Blue (56%)



- Cyan (63%)
- Magenta (0%)
- Yellow (40%)
- Black (44%)



- Cyan (79%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358F56 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 358F56 by changing the saturation by 10% instead.



358F56



358F56

FFFFFF



13753E



6DC688



005C28



89E2A3



004312



A4FFBE



002C00



C1FFDA



001300



DEFFF6



000000



FBFFFF



358F56



358F56



278F4D



438F5F

 188F44

 528F68

 0A8F3B

 608F71

 008F34

 6E8F7A

 7D8F83

 8B8F8C

 998F95

 A78F9E

 B68FA8

Harmonies

Analogous

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



6C8837



358F56



00927E

Triad

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



358F56



2A83CE



C66059

Complementary

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



358F56



8F356E

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.



C65C7F



358F56



8174C3

Square

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



358F56



008DC3



B064A6



B36E39

Rectangle

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



358F56



009299



B064A6



C85D65

Sweetspot

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



358F56



97BAA4



6E8F35



495E51



DEDEDE



5E5E5E

Same Dimension

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



358F56



2DBA61



358F83



404743



008732



000803

Inverse Universe

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



8F356E



BA2D86



8F3541



474045



870056



080005

Previews

White Background



This preview shows how the Hex color 358F56 looks on a white background.

Color Contrast Check

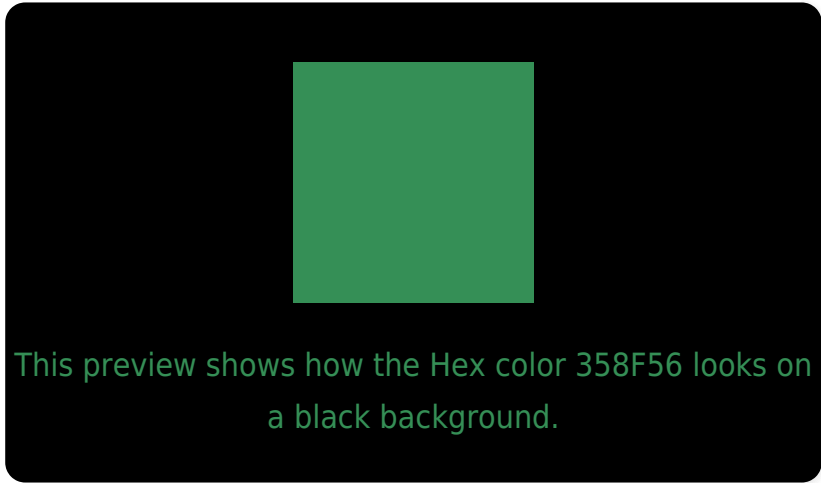
Large Text (above 18pt) WCAG AA ✓ Pass

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

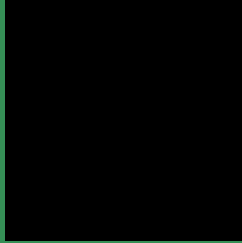
Any Text WCAG AA ✓ Pass

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 358F56 Background



This preview shows how black text looks on a background with the Hex color 358F56.



This preview shows how white text looks on a background with the Hex color 358F56.

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
488893

Trichromacy



Original Color
358F56



Protanomaly
6A8452



Deuteranomaly
728159



Tritanomaly
418B7D

Monochromacy



Original Color
358F56



Achromatopsia
6E6E6E



Achromatomaly
597A65

CSS Examples

Text

The CSS property to change the color of the text to Hex 358F56 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 #358F56 looks like.

```
.text, #text, p{  
    color:#358F56  
}
```

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 #358F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358F56  
}
```

Border

The CSS property to change the border of an element to Hex 358F56 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  
#358F56 }
```

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

```
.border{ border-color:#358F56 }
```

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

Here you see how a box with a 4 pixel #358F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358F56; -webkit-box-shadow:4px 4px  
4px 4px #358F56; box-shadow:4px 4px 4px  
4px #358F56 }
```

Background

The CSS property to change the background color of an element to Hex 358F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358F56 }
```

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

```
.background{ background-color:#358F56 }
```

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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