

# Converting Colors

Hex(358258)

Have a look what the booklet for  
Hex(358258) contains.

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# Color

**Hex(358258)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	358258
RGB	53, 130, 88
RGB Percent	21%, 51%, 35%
CMY	0.7922, 0.4902, 0.6549
CMYK	0.59, 0.00, 0.32, 0.49
HSL	147°, 42%, 36%
HSV	147°, 59%, 51%
XYZ	11.2123, 17.4267, 12.0053
YIQ	102.1890, -32.4100, -29.3860

# Conversions

## Conversions Part 2

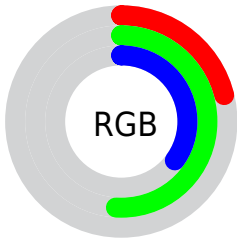
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 106, 130
Decimal	3506776
CIELab	48.79, -34.06, 15.81
CIElCh	49, 37.552, 155.102
Yxy	17.4267, 0.2759, 0.4288
Android (android.graphics.Color)	4281696856 (0xFF358258)
YUV	102.1890, -6.9952, -43.1388
Hunter-Lab	41.7453, -25.1114, 12.1709

# Details

The Hex color **358258** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82355F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6BB88A**, and **00502A** is the 20% darker color. If you saturate the color by 10%, you get **288251**, and if you desaturate by 10%, it is **42825F**.

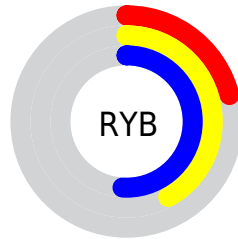
# Distribution



Red (21%)

Green (51%)

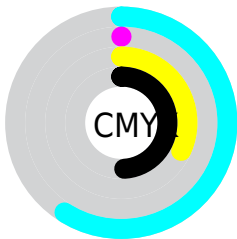
Blue (35%)



Red (21%)

Yellow (42%)

Blue (51%)

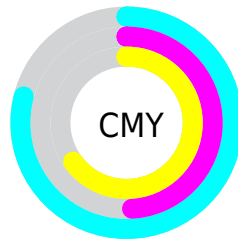


Cyan (59%)

Magenta (0%)

Yellow (32%)

Black (49%)



Cyan (79%)

Magenta (49%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 358258 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 358258 by changing the saturation by 10% instead.



 358258

 358258

FFFFFF

 176840

 6BB88A

 00502A

 86D3A5

 003815

 A1F0C0

 002400

 BDFFD C

 000000

 DAFF F8

 F7FF F F

 358258

 358258

 288251

 42825F

■ 1B824A

■ 4F8266

■ 0E8243

■ 5C826D

■ 01823C

■ 698274

■ 00823B

■ 76827B

■ 838283

■ 90828A

■ 9D8291

■ AA8298

# Harmonies

## Analogous

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



607D3E



358258



008479

# Triad

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



358258



4775B3



AD5E51

# Complementary

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



358258



82355F

# 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.



AF5970



358258



7E69A8

# Square

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



358258



007EAD



A05E8F



9C693A

# Rectangle

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



358258



00848E



A05E8F



AF5B5B



# Sweetspot

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



358258



8AA898



5F8235



42544A



D4D4D4



545454



# Same Dimension

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



358258



31A867



35827E



39403C



00803A



000000



# Inverse Universe

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



82355F



A83172



823539



40393D



800046



000000



# Previews

## White Background



This preview shows how the Hex color 358258 looks on a white background.

## Color Contrast Check

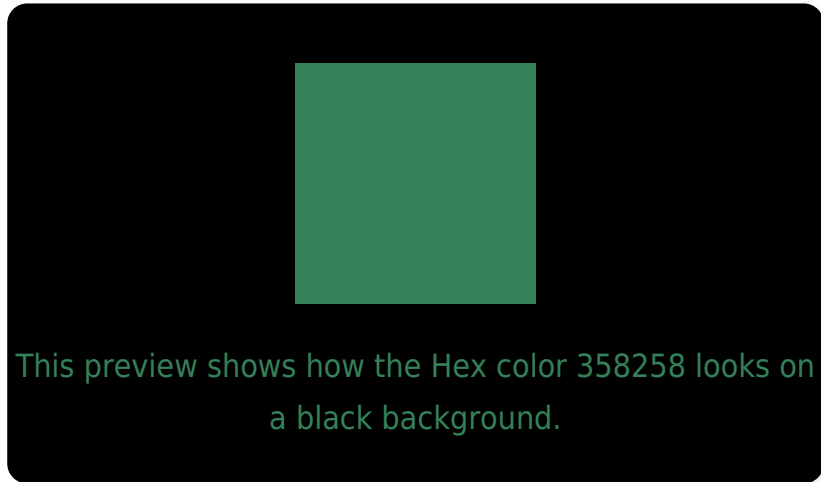
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

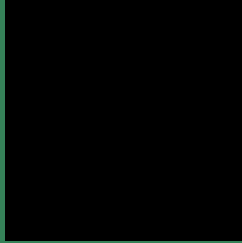
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 358258 Background



This preview shows how black text looks on a background with the Hex color 358258.




This preview shows how white text looks on a background with the Hex color 358258.

# 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**  
437C86

# Trichromacy



**Original Color**  
358258

**Protanomaly**  
627854

**Deuteranomaly**  
69765B

**Tritanomaly**  
3E7E75

# Monochromacy



**Original Color**  
358258

**Achromatopsia**  
666666

**Achromatomaly**  
547061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 358258 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 #358258 looks like.

```
.text, #text, p{  
    color:#358258  
}
```

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 #358258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358258
}
```

## Border

The CSS property to change the border of an element to Hex 358258 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
#358258 }
```

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

```
.border{ border-color:#358258 }
```

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

Here you see how a box with a 4 pixel #358258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358258; -webkit-box-shadow:4px 4px  
4px 4px #358258; box-shadow:4px 4px 4px  
4px #358258 }
```

# Background

The CSS property to change the background color of an element to Hex 358258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358258 }
```

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

```
.background{ background-color:#358258 }
```

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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