

Converting Colors

Hex(358162)

Have a look what the booklet for
Hex(358162) contains.

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Color

Hex(358162)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 358162 |
| RGB | 53, 129, 98 |
| RGB Percent | 21%, 51%, 38% |
| CMY | 0.7922, 0.4941, 0.6157 |
| CMYK | 0.59, 0.00, 0.24, 0.49 |
| HSL | 156°, 42%, 36% |
| HSV | 156°, 59%, 51% |
| XYZ | 11.5231, 17.3392, 14.2948 |
| YIQ | 102.7420, -35.3450, -25.7530 |

Conversions

Conversions Part 2

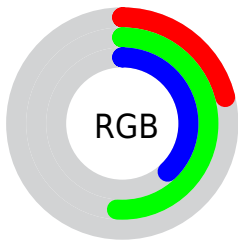
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 53, 101, 129 |
| Decimal | 3506530 |
| CIELab | 48.68, -31.35, 9.88 |
| CIElCh | 49, 32.868, 162.513 |
| Yxy | 17.3392, 0.2670, 0.4018 |
| Android (android.graphics.Color) | 4281696610 (0xFF358162) |
| YUV | 102.7420, -2.3378, -43.6237 |
| Hunter-Lab | 41.6404, -23.4748, 8.7946 |

Details

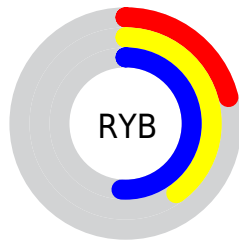
The Hex color **358162** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **813554**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6BB695**, and **004F33** is the 20% darker color. If you saturate the color by 10%, you get **28815D**, and if you desaturate by 10%, it is **428167**.

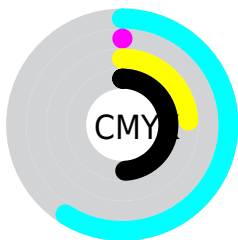
Distribution



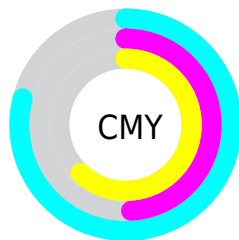
- Red (21%)
- Green (51%)
- Blue (38%)



- Red (21%)
- Yellow (40%)
- Blue (51%)



- Cyan (59%)
- Magenta (0%)
- Yellow (24%)
- Black (49%)



- Cyan (79%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Hex color 358162 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 358162 by changing the saturation by 10% instead.

 358162

 358162

FFFFFF

 17684A

 6BB695

 004F33

 86D2AF

 00371E

 A1EFCB

 002306

 BDFFE7

 000000

 DAFFFF

 F7FFFF

 358162

 358162

 28815D

 428167

■ 1B8157

■ 4F816D

■ 0E8152

■ 5C8172

■ 01814D

■ 698177

■ 00814C

■ 76817C

■ 828182

■ 8F8187

■ 9C818C

■ A98191

Harmonies

Analogous

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



5B7D49



358162



00827F

Triad

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



358162



5D72AA



A4634F

Complementary

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



358162



813554

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.



A95D69



358162



85689D

Square

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



358162



217BA8



9F5F85



936C3F

Rectangle

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



358162



008191



9F5F85



A76057

Sweetspot

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



358162



8AA89C



558135



42544D



D4D4D4



545454

Same Dimension

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



358162



31A878



357B81



39403D



00804B



000000

Inverse Universe

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



813554



A83162



813B35



40393C



800034



000000

Previews

White Background



This preview shows how the Hex color 358162 looks on a white background.

Color Contrast Check

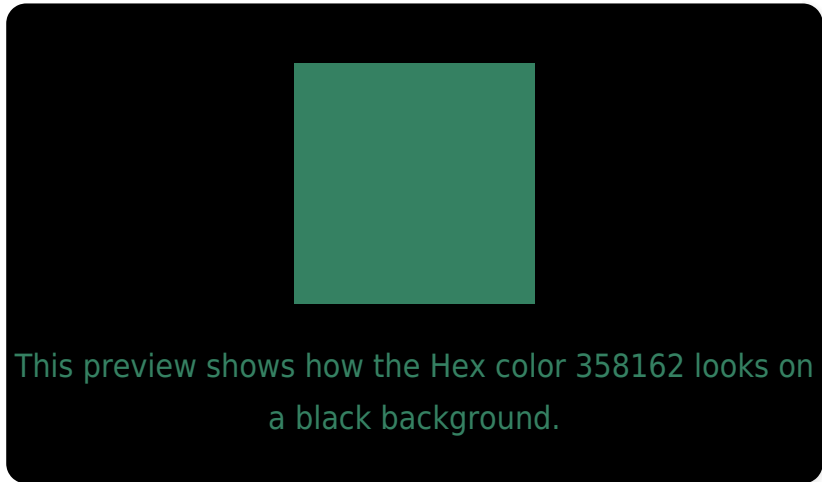
Large Text (above 18pt) WCAG AA ✓ Pass

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 358162 Background



This preview shows how black text looks on a background with the Hex color 358162.



This preview shows how white text looks on a background with the Hex color 358162.

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
358162

Protanopia
7A735B

Deuteranopia
836F66



Tritanopia
417C86

Trichromacy



Original Color
358162

Protanomaly
61785E

Deuteranomaly
677665

Tritanomaly
3D7E79

Monochromacy



Original Color
358162

Achromatopsia
676767

Achromatomaly
557065

CSS Examples

Text

The CSS property to change the color of the text to Hex 358162 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 #358162 looks like.

```
.text, #text, p{  
    color:#358162  
}
```

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 #358162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358162
}
```

Border

The CSS property to change the border of an element to Hex 358162 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
#358162 }
```

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

```
.border{ border-color:#358162 }
```

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

Here you see how a box with a 4 pixel #358162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358162; -webkit-box-shadow:4px 4px  
4px 4px #358162; box-shadow:4px 4px 4px  
4px #358162 }
```

Background

The CSS property to change the background color of an element to Hex 358162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358162 }
```

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

```
.background{ background-color:#358162 }
```

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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