

Converting Colors

Hex(358C6B)

Have a look what the booklet for
Hex(358C6B) contains.

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Color

Hex(358C6B)

Conversions

Conversions Part 1

Format	Color
Hex	358C6B
RGB	53, 140, 107
RGB Percent	21%, 55%, 42%
CMY	0.7922, 0.4510, 0.5804
CMYK	0.62, 0.00, 0.24, 0.45
HSL	157°, 45%, 38%
HSV	157°, 62%, 55%
XYZ	13.5001, 20.5746, 17.1697
YIQ	110.2250, -41.2590, -28.7070

Conversions

Conversions Part 2

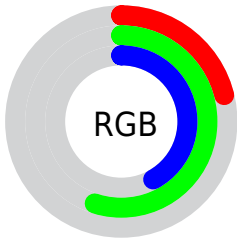
Format	Color
RYB	53, 107, 140
Decimal	3509355
CIELab	52.48, -34.30, 10.02
CIELCh	52, 35.731, 163.717
Yxy	20.5746, 0.2634, 0.4015
Android (android.graphics.Color)	4281699435 (0xFF358C6B)
YUV	110.2250, -1.5899, -50.1863
Hunter-Lab	45.3592, -26.2522, 9.3086

Details

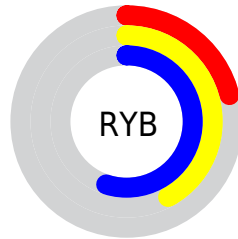
The Hex color **358C6B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C3556**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6DC29E**, and **00593C** is the 20% darker color. If you saturate the color by 10%, you get **278C66**, and if you desaturate by 10%, it is **438C70**.

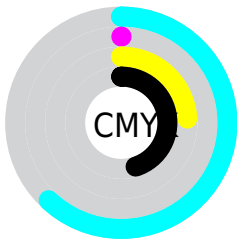
Distribution



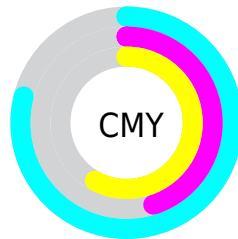
- Red (21%)
- Green (55%)
- Blue (42%)



- Red (21%)
- Yellow (42%)
- Blue (55%)



- Cyan (62%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (79%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358C6B 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 358C6B by changing the saturation by 10% instead.

 358C6B

 358C6B

FFFFFF

 137253

 6DC29E

 00593C

 88DEB9

 004126

 A4FBD5

 002A11

 C0FFF1

 001000

 DDFFFF

 000000

 FBFFFF

 358C6B

 358C6B

 278C66

 438C70

■ 198C60

■ 518C76

■ 0B8C5B

■ 5F8C7B

■ 008C57

■ 6D8C80

■ 7B8C86

■ 898C8B

■ 978C90

■ A58C95

■ B38C9B

Harmonies

Analogous

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



608850



358C6B



008D8B

Triad

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



358C6B



667CB9



B26B54

Complementary

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



358C6B



8C3556

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.



B86570



358C6B



9270AA

Square

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



358C6B



2185B8



AE678F



9E7642

Rectangle

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



358C6B



008C9E



AE678F



B5685D

Sweetspot

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



358C6B



93B5A8



568C35



475C54



DBDBDB



5C5C5C

Same Dimension

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



358C6B



2DB582



35828C



3E4542



008552



000503

Inverse Universe

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



8C3556



B52D61



8C3F35



453E41



850032



050002

Previews

White Background



This preview shows how the Hex color 358C6B looks on a white background.

Color Contrast Check

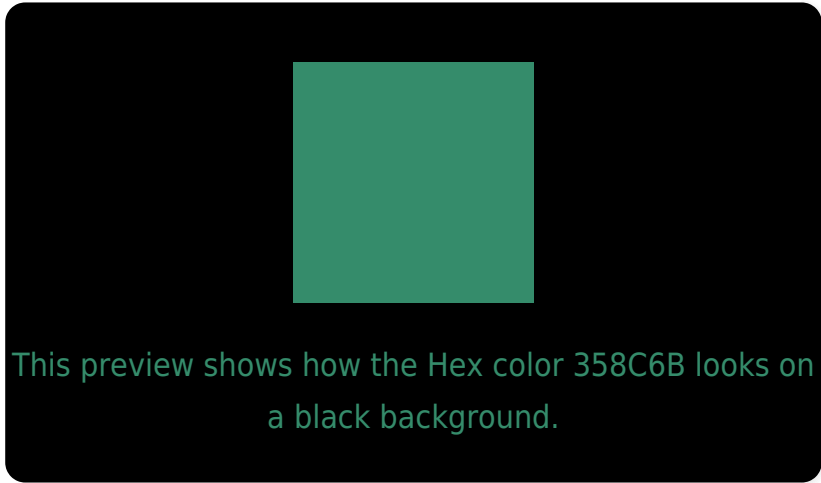
Large Text (above 18pt) WCAG AA ✓ Pass

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

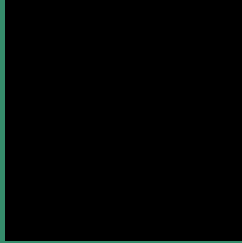
Any Text WCAG AA ✓ Pass

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 358C6B Background



This preview shows how black text looks on a background with the Hex color 358C6B.

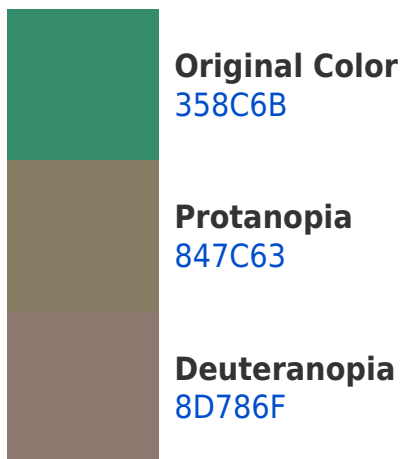


This preview shows how white text looks on a background with the Hex color 358C6B.

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
438792

Trichromacy



Original Color
358C6B

Protanomaly
678266

Deuteranomaly
6D7F6E

Tritanomaly
3E8984

Monochromacy



Original Color
358C6B

Achromatopsia
6E6E6E

Achromatomaly
59796D

CSS Examples

Text

The CSS property to change the color of the text to Hex 358C6B 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 #358C6B looks like.

```
.text, #text, p{  
    color:#358C6B  
}
```

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 #358C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358C6B
}
```

Border

The CSS property to change the border of an element to Hex 358C6B 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
#358C6B }
```

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

```
.border{ border-color:#358C6B }
```

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

Here you see how a box with a 4 pixel #358C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358C6B; -webkit-box-shadow:4px 4px  
4px 4px #358C6B; box-shadow:4px 4px 4px  
4px #358C6B }
```

Background

The CSS property to change the background color of an element to Hex 358C6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358C6B }
```

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

```
.background{ background-color:#358C6B }
```

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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