

# Converting Colors

Hex(358A6A)

Have a look what the booklet for  
Hex(358A6A) contains.

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# Color

Hex(358A6A)

# Conversions

## Conversions Part 1

Format	Color
Hex	358A6A
RGB	53, 138, 106
RGB Percent	21%, 54%, 42%
CMY	0.7922, 0.4588, 0.5843
CMYK	0.62, 0.00, 0.23, 0.46
HSL	157°, 45%, 37%
HSV	157°, 62%, 54%
XYZ	13.1582, 19.9744, 16.7976
YIQ	108.9370, -40.3880, -27.9720

# Conversions

## Conversions Part 2

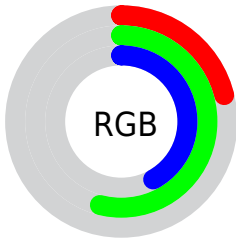
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 105, 138
Decimal	3508842
CIELab	51.81, -33.62, 9.65
CIElCh	52, 34.977, 163.992
Yxy	19.9744, 0.2635, 0.4000
Android (android.graphics.Color)	4281698922 (0xFF358A6A)
YUV	108.9370, -1.4479, -49.0567
Hunter-Lab	44.6928, -25.6594, 9.0010

# Details

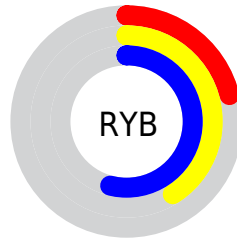
The Hex color **358A6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A3555**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6CC09D**, and **00573B** is the 20% darker color. If you saturate the color by 10%, you get **278A65**, and if you desaturate by 10%, it is **438A6F**.

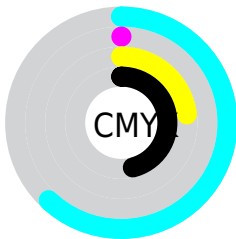
# Distribution



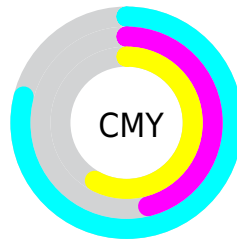
- Red (21%)
- Green (54%)
- Blue (42%)



- Red (21%)
- Yellow (41%)
- Blue (54%)



- Cyan (62%)
- Magenta (0%)
- Yellow (23%)
- Black (46%)



- Cyan (79%)
- Magenta (46%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 358A6A 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 358A6A by changing the saturation by 10% instead.





358A6A



358A6A

FFFFFF



147052



6CC09D



00573B



88DCB8



003F25



A3F9D4



002910



C0FFF0



000C00



D0FFFF



000000



FAFFFF



358A6A



358A6A



278A65



438A6F

■ 198A60

■ 518A74

■ 0C8A5A

■ 5E8A7A

■ 008A56

■ 6C8A7F

■ 7A8A84

■ 888A89

■ 968A8E

■ A38A94

■ B18A99

# Harmonies

## Analogous

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



5F864F



358A6A



008B89

# Triad

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



358A6A



657AB5



AF6A53

# Complementary

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



358A6A



8A3555

# 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.



B5646F



358A6A



906EA7

# Square

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



358A6A



2483B5



AB658D



9C7442

# Rectangle

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



358A6A



008A9C



AB658D



B2675C



# Sweetspot

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



358A6A



92B3A6



568A35



465952



D9D9D9



595959



# Same Dimension

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



358A6A



2EB381



35808A



3E4542



008553



000503



# Inverse Universe

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



8A3555



B32E60



8A3F35



453E41



850032



050002



# Previews

## White Background



This preview shows how the Hex color 358A6A looks on a white background.

## Color Contrast Check

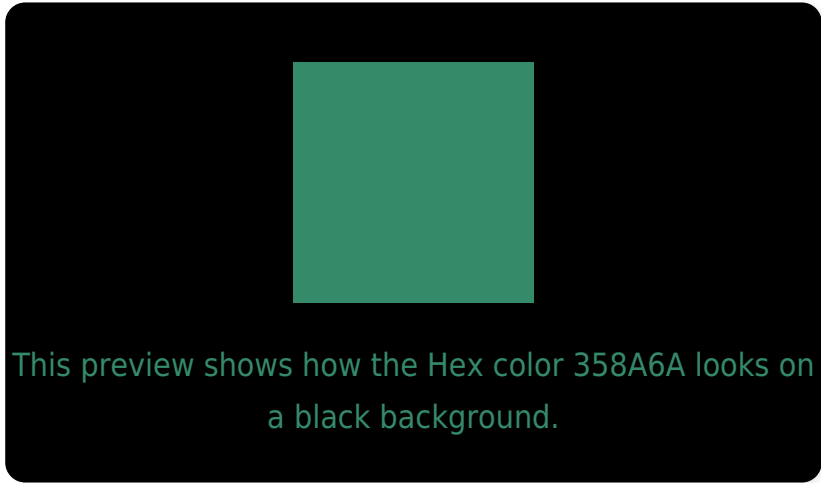
Large Text (above 18pt) WCAG AA ✓ Pass

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

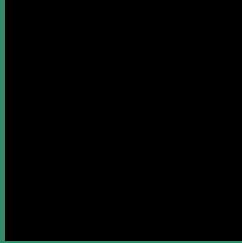
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 358A6A Background



This preview shows how black text looks on a background with the Hex color 358A6A.

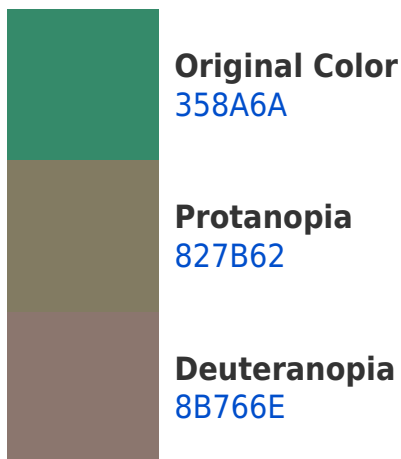


This preview shows how white text looks on a background with the Hex color 358A6A.

# 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**  
428590

# Trichromacy



**Original Color**  
358A6A

**Protanomaly**  
668065

**Deuteranomaly**  
6C7D6D

**Tritanomaly**  
3D8782

# Monochromacy



**Original Color**  
358A6A

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
59786C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 358A6A 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 #358A6A looks like.

```
.text, #text, p{  
    color:#358A6A  
}
```

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 #358A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358A6A
}
```

## Border

The CSS property to change the border of an element to Hex 358A6A 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
#358A6A }
```

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

```
.border{ border-color:#358A6A }
```

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

Here you see how a box with a 4 pixel #358A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358A6A; -webkit-box-shadow:4px 4px  
4px 4px #358A6A; box-shadow:4px 4px 4px  
4px #358A6A }
```

# Background

The CSS property to change the background color of an element to Hex 358A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358A6A }
```

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

```
.background{ background-color:#358A6A }
```

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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