

Converting Colors

Hex(358A9E)

Have a look what the booklet for
Hex(358A9E) contains.

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Color

Hex(358A9E)

Conversions

Conversions Part 1

Format	Color
Hex	358A9E
RGB	53, 138, 158
RGB Percent	21%, 54%, 62%
CMY	0.7922, 0.4588, 0.3804
CMYK	0.66, 0.13, 0.00, 0.38
HSL	191°, 50%, 41%
HSV	191°, 66%, 62%
XYZ	16.7282, 21.4025, 35.5972
YIQ	114.8650, -57.0800, -11.8000

Conversions

Conversions Part 2

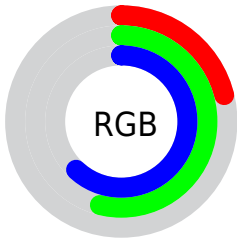
Format	Color
RYB	53, 100, 158
Decimal	3508894
CIELab	53.39, -18.88, -18.15
CIELCh	53, 26.185, 223.865
Yxy	21.4025, 0.2269, 0.2903
Android (android.graphics.Color)	4281698974 (0xFF358A9E)
YUV	114.8650, 21.2656, -54.2556
Hunter-Lab	46.2628, -16.4158, -13.2371

Details

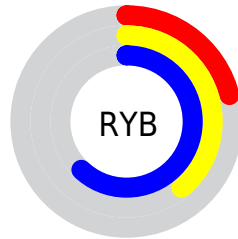
The Hex color **358A9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E4935**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **70C0D5**, and **00586B** is the 20% darker color. If you saturate the color by 10%, you get **25879E**, and if you desaturate by 10%, it is **458D9E**.

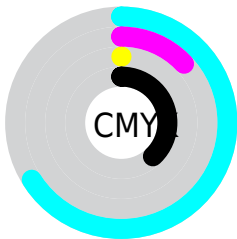
Distribution



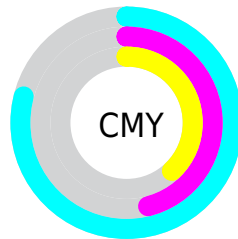
- Red (21%)
- Green (54%)
- Blue (62%)



- Red (21%)
- Yellow (39%)
- Blue (62%)



- Cyan (66%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358A9E 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 358A9E by changing the saturation by 10% instead.

 358A9E

 358A9E

FFFFFF

 0B7084

 70C0D5

 00586B

 8CDCF1

 004052

 A9F8FF

 002A3B

 C6FFFF

 001626

 E3FFFF

 000110

 000000

 358A9E

 358A9E

 25879E

 458D9E

■ 15849E

■ 55909E

■ 06819E

■ 64939E

■ 00809E

■ 74969E

■ 84999E

■ 949C9E

■ A49F9E

■ B3A29E

■ C3A59E

Harmonies

Analogous

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



398C8A



358A9E



4F85AA

Triad

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



358A9E



A4708D



858153

Complementary

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



358A9E



9E4935

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.



9A7A55



358A9E



AC6F76

Square

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



358A9E



9076A0



A87361



6B875E

Rectangle

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



358A9E



6681AC



A87361



8C7F52

Sweetspot

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



358A9E



A5C7CF



359E48



4F6469



E8E8E8



696969

Same Dimension

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



358A9E



29AFCF



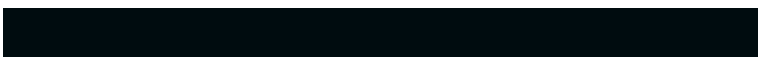
35569E



474E4F



00748F



000C0F

Inverse Universe

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



9E358A



CF29AF



9E7D35



4F474E



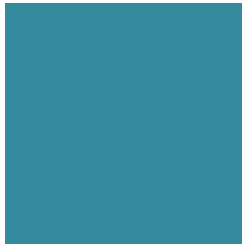
8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 358A9E looks on a white background.

Color Contrast Check

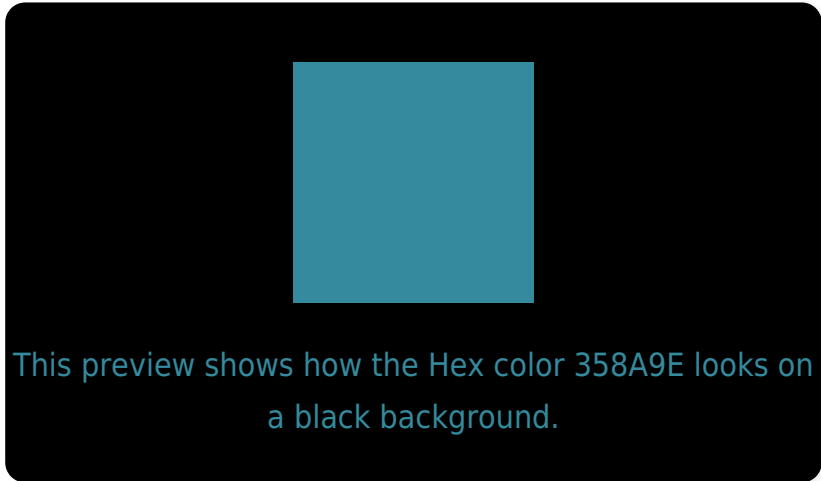
Large Text (above 18pt) WCAG AA ✓ Pass

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

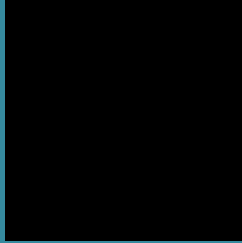
Any Text WCAG AA ✓ Pass

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 358A9E Background



This preview shows how black text looks on a background with the Hex color 358A9E.

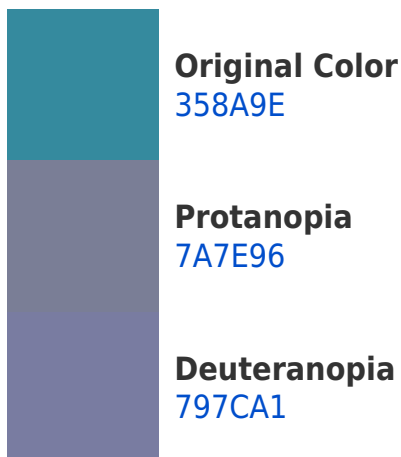


This preview shows how white text looks on a background with the Hex color 358A9E.

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](#).

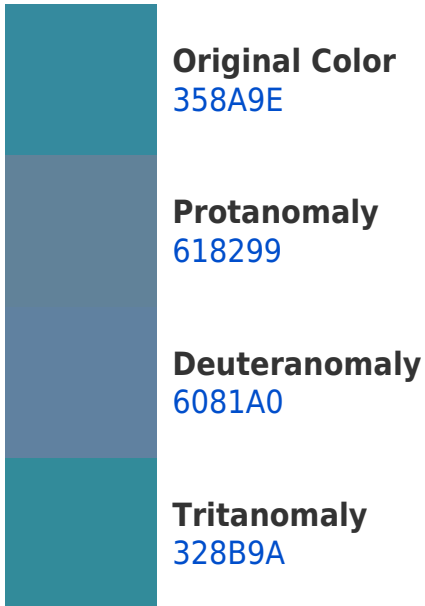
Dichromacy





Tritanopia
318B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 358A9E 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 #358A9E looks like.

```
.text, #text, p{  
    color:#358A9E  
}
```

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 #358A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358A9E
}
```

Border

The CSS property to change the border of an element to Hex 358A9E 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
#358A9E }
```

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

```
.border{ border-color:#358A9E }
```

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

Here you see how a box with a 4 pixel #358A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358A9E; -webkit-box-shadow:4px 4px  
4px 4px #358A9E; box-shadow:4px 4px 4px  
4px #358A9E }
```

Background

The CSS property to change the background color of an element to Hex 358A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358A9E }
```

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

```
.background{ background-color:#358A9E }
```

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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