

Converting Colors

Hex(358E9D)

Have a look what the booklet for
Hex(358E9D) contains.

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Color

Hex(358E9D)

Conversions

Conversions Part 1

Format	Color
Hex	358E9D
RGB	53, 142, 157
RGB Percent	21%, 56%, 62%
CMY	0.7922, 0.4431, 0.3843
CMYK	0.66, 0.10, 0.00, 0.38
HSL	189°, 50%, 41%
HSV	189°, 66%, 62%
XYZ	17.2270, 22.5372, 35.3404
YIQ	117.0990, -57.8590, -14.2030

Conversions

Conversions Part 2

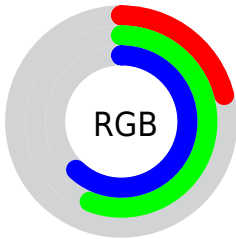
Format	Color
RYB	53, 101, 157
Decimal	3509917
CIELab	54.59, -21.32, -15.74
CIELCh	55, 26.495, 216.434
Yxy	22.5372, 0.2294, 0.3001
Android (android.graphics.Color)	4281699997 (0xFF358E9D)
YUV	117.0990, 19.6712, -56.2148
Hunter-Lab	47.4734, -18.3048, -10.9057

Details

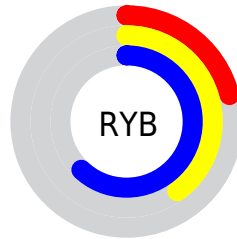
The Hex color **358E9D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4435**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **70C4D4**, and **005B6A** is the 20% darker color. If you saturate the color by 10%, you get **258C9D**, and if you desaturate by 10%, it is **45909D**.

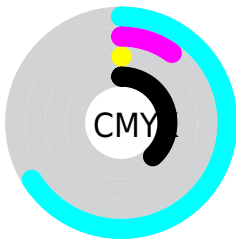
Distribution



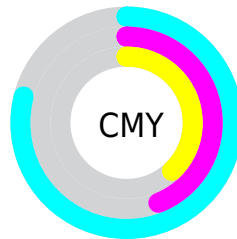
- Red (21%)
- Green (56%)
- Blue (62%)



- Red (21%)
- Yellow (40%)
- Blue (62%)



- Cyan (66%)
- Magenta (10%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358E9D 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 358E9D by changing the saturation by 10% instead.

 358E9D

 358E9D

FFFFFF

 0A7483

 70C4D4

 005B6A

 8DE0F0

 004452

 A9FDFF

 002D3B

 C6FFFF

 001A25

 E4FFFF

 00010F

 000000

 358E9D

 358E9D

 258C9D

 45909D

16899D

54939D

06879D

64959D

00869D

74979D

84999D

939C9D

A39E9D

B3A09D

C2A29D

Harmonies

Analogous

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



408F87



358E9D



498AAC

Triad

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



358E9D



A47495



8E8355

Complementary

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



358E9D



9D4435

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.



A27B59



358E9D



AF717E

Square

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



358E9D



8C7BA7



AE7469



75895D

Rectangle

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



358E9D



6086B0



AE7469



958055

Sweetspot

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



358E9D



A3C6CC



359D43



4E6266



E6E6E6



666666

Same Dimension

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



358E9D



2BB5CC



355B9D



474E4F



007A8F



000D0F

Inverse Universe

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



9D358E



CC2BB5



9D7735



4F474E



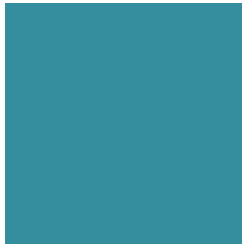
8F007A



0F000D

Previews

White Background



This preview shows how the Hex color 358E9D looks on a white background.

Color Contrast Check

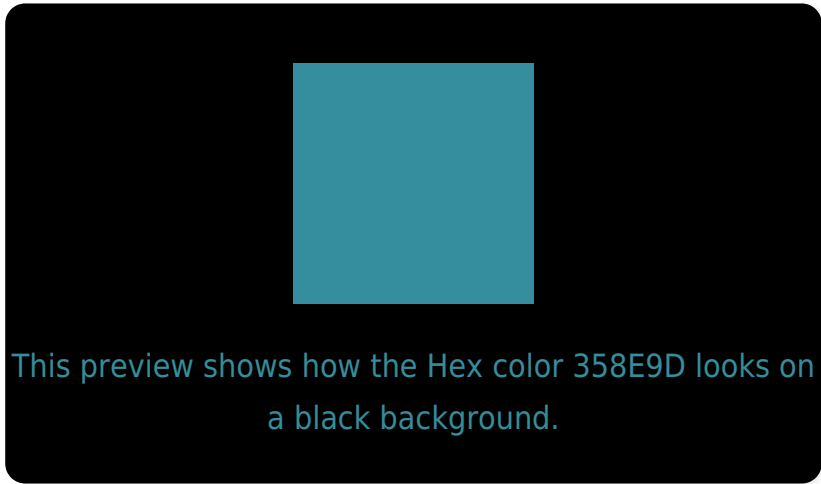
Large Text (above 18pt) WCAG AA ✓ Pass

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

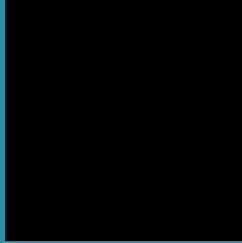
Any Text WCAG AA ✓ Pass

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 358E9D Background



This preview shows how black text looks on a background with the Hex color 358E9D.

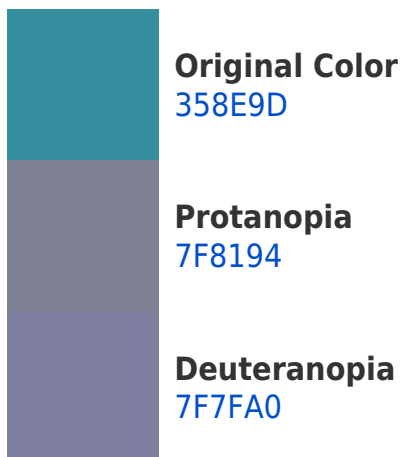


This preview shows how white text looks on a background with the Hex color 358E9D.

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](#).

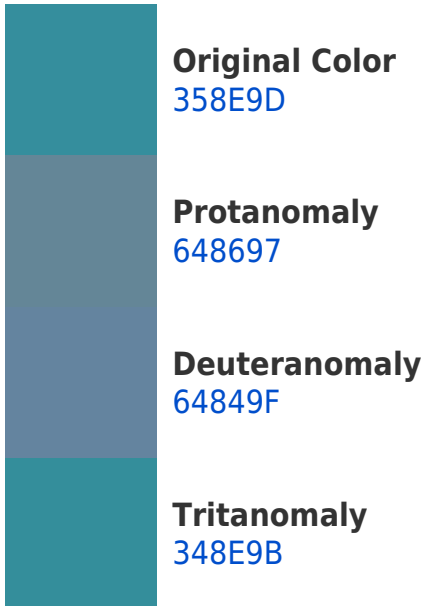
Dichromacy





Tritanopia
338E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 358E9D 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 #358E9D looks like.

```
.text, #text, p{  
    color:#358E9D  
}
```

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 #358E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358E9D
}
```

Border

The CSS property to change the border of an element to Hex 358E9D 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
#358E9D }
```

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

```
.border{ border-color:#358E9D }
```

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

Here you see how a box with a 4 pixel #358E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358E9D; -webkit-box-shadow:4px 4px  
4px 4px #358E9D; box-shadow:4px 4px 4px  
4px #358E9D }
```

Background

The CSS property to change the background color of an element to Hex 358E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358E9D }
```

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

```
.background{ background-color:#358E9D }
```

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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