

Converting Colors

Hex(358E91)

Have a look what the booklet for
Hex(358E91) contains.

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Color

Hex(358E91)

Conversions

Conversions Part 1

Format	Color
Hex	358E91
RGB	53, 142, 145
RGB Percent	21%, 56%, 57%
CMY	0.7922, 0.4431, 0.4314
CMYK	0.63, 0.02, 0.00, 0.43
HSL	182°, 46%, 39%
HSV	182°, 63%, 57%
XYZ	16.2520, 22.1472, 30.2063
YIQ	115.7310, -54.0070, -17.9350

Conversions

Conversions Part 2

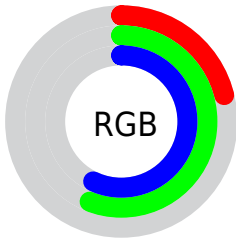
Format	Color
RYB	53, 98, 145
Decimal	3509905
CIELab	54.18, -24.99, -9.43
CIElCh	54, 26.715, 200.681
Yxy	22.1472, 0.2369, 0.3228
Android (android.graphics.Color)	4281699985 (0xFF358E91)
YUV	115.7310, 14.4296, -55.0151
Hunter-Lab	47.0608, -20.7131, -5.1131




Details

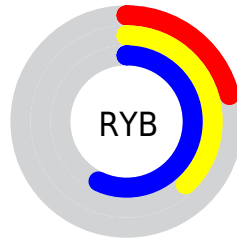
The Hex color **358E91** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **913835**, and the grayscale version is **747474**.




A 20% lighter version of the original color is **6FC4C7**, and **005B5F** is the 20% darker color. If you saturate the color by 10%, you get **278E91**, and if you desaturate by 10%, it is **448E91**.

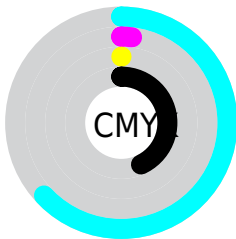
Distribution







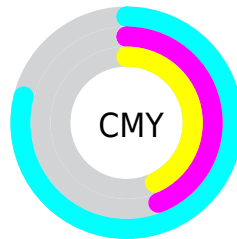
-  Red (21%)
-  Green (56%)
-  Blue (57%)






-  Red (21%)
-  Yellow (38%)
-  Blue (57%)



-  Cyan (63%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (79%)
-  Magenta (44%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 358E91 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 358E91 by changing the saturation by 10% instead.

 358E91

 358E91

FFFFFF

 0E7477

 6FC4C7

 005B5F

 8BE0E3

 004347

 A7FDFF

 002D31

 C4FFFF

 00181C

 E1FFFF

 000000

 358E91

 358E91

 278E91

 448E91

 188D91

 528F91

■ 0A8D91

■ 618F91

■ 008C91

■ 6F9091

■ 7E9091

■ 8C9191

■ 9B9191

■ A99291

■ B89291

Harmonies

Analogous

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



4B8E79



358E91



398BA5

Triad

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



358E91



98769F



987E54

Complementary

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



358E91



913835

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.



A9765F



358E91



AA718A

Square

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



358E91



7B7EAD



AF7172



818556

Rectangle

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



358E91



4C88AD



AF7172



9E7B56

Sweetspot

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



358E91



99BCBD



359137



495E5E



DEDEDE



5E5E5E

Same Dimension

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



358E91



2DB8BD



356191



404747



008387



000708

Inverse Universe

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



91358E



BD2DB8



916535



474047



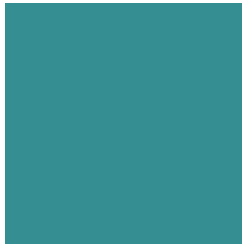
870083



080007

Previews

White Background



This preview shows how the Hex color 358E91 looks on a white background.

Color Contrast Check

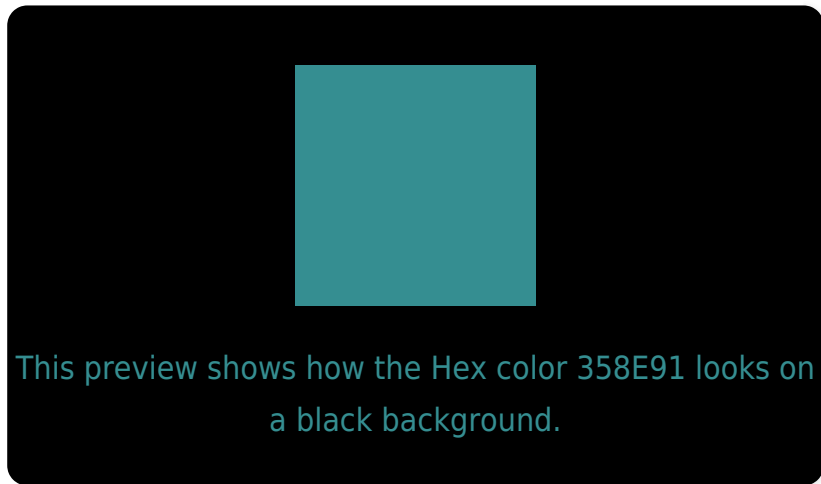
Large Text (above 18pt) WCAG AA ✓ Pass

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

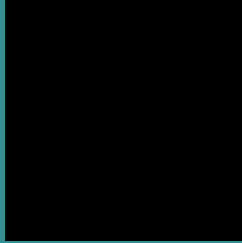
Any Text WCAG AA ✓ Pass

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 358E91 Background



This preview shows how black text looks on a background with the Hex color 358E91.

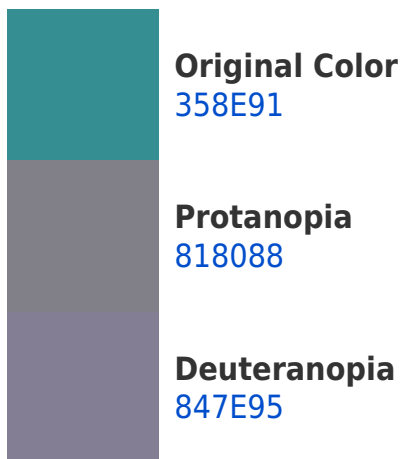


This preview shows how white text looks on a background with the Hex color 358E91.

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](#).

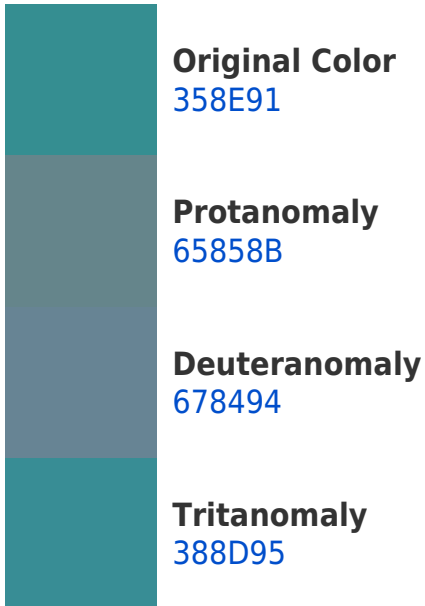
Dichromacy





Tritanopia
398D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 358E91 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 #358E91 looks like.

```
.text, #text, p{  
    color:#358E91  
}
```

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 #358E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #358E91
}
```

Border

The CSS property to change the border of an element to Hex 358E91 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
#358E91 }
```

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

```
.border{ border-color:#358E91 }
```

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

Here you see how a box with a 4 pixel #358E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #358E91; -webkit-box-shadow:4px 4px  
4px 4px #358E91; box-shadow:4px 4px 4px  
4px #358E91 }
```

Background

The CSS property to change the background color of an element to Hex 358E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#358E91 }
```

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

```
.background{ background-color:#358E91 }
```

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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