

Converting Colors

Hex(359CAF)

Have a look what the booklet for
Hex(359CAF) contains.

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Color

Hex(359CAF)

Conversions

Conversions Part 1

Format	Color
Hex	359CAF
RGB	53, 156, 175
RGB Percent	21%, 61%, 69%
CMY	0.7922, 0.3882, 0.3137
CMYK	0.70, 0.11, 0.00, 0.31
HSL	189°, 54%, 45%
HSV	189°, 70%, 69%
XYZ	21.0945, 27.6290, 44.7786
YIQ	127.3690, -67.4870, -15.9270

Conversions

Conversions Part 2

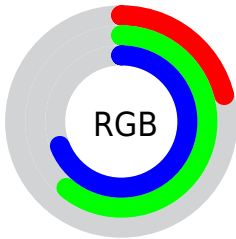
Format	Color
R_{YB}	53, 109, 175
Decimal	3513519
CIE _{Lab}	59.55, -22.93, -18.47
CIE _{LCh}	60, 29.443, 218.847
Yxy	27.6290, 0.2256, 0.2955
Android (android.graphics.Color)	4281703599 (0xFF359CAF)
YUV	127.3690, 23.4821, -65.2216
Hunter-Lab	52.5633, -20.3506, -13.7148

Details

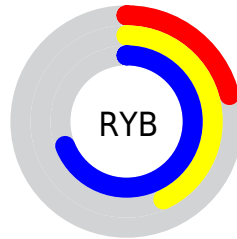
The Hex color **359CAF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF4835**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **74D3E7**, and **00687B** is the 20% darker color. If you saturate the color by 10%, you get **2499AF**, and if you desaturate by 10%, it is **479FAF**.

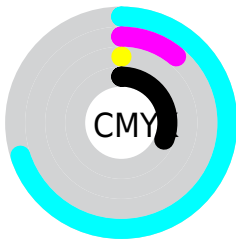
Distribution



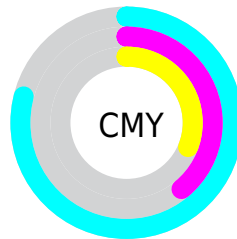
- Red (21%)
- Green (61%)
- Blue (69%)



- Red (21%)
- Yellow (43%)
- Blue (69%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (79%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 359CAF 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 359CAF by changing the saturation by 10% instead.

■ 359CAF

■ 359CAF

FFFFFF

■ 008294

■ 74D3E7

■ 00687B

■ 91EFFF

■ 005062

■ AEFFFF

■ 00394A

■ CCFFFF

■ 002333

■ E9FFFF

■ 00021F

■ 000001

■ 000000

■ 359CAF

■ 359CAF

■ 2499AF

■ 479FAF

■ 1297AF

■ 58A1AF

■ 0194AF

■ 6AA4AF

■ 0094AF

■ 7BA7AF

■ 8DAAAF

■ 9EACAF

■ B0AFAF

■ C1B2AF

■ D3B5AF

Harmonies

Analogous

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



409E96



359CAF



5097BF

Triad

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



359CAF



B67EA3



9A905C

Complementary

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



359CAF



AF4835

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.



B18860



359CAF



C27C89

Square

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



359CAF



9D86B8



C08070



7D9766

Rectangle

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



359CAF



6A92C3



C08070



A28D5B

Sweetspot

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



359CAF



B3DCE3



35AF47



566E73



F2F2F2



737373

Same Dimension

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



359CAF



24C5E3



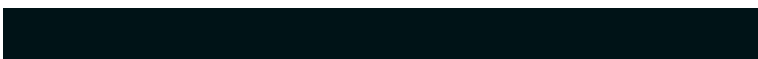
3560AF



4E5557



007F96



001317

Inverse Universe

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



AF359C



E324C5



AF8435



574E55



96007F



170013

Previews

White Background



This preview shows how the Hex color 359CAF looks on a white background.

Color Contrast Check

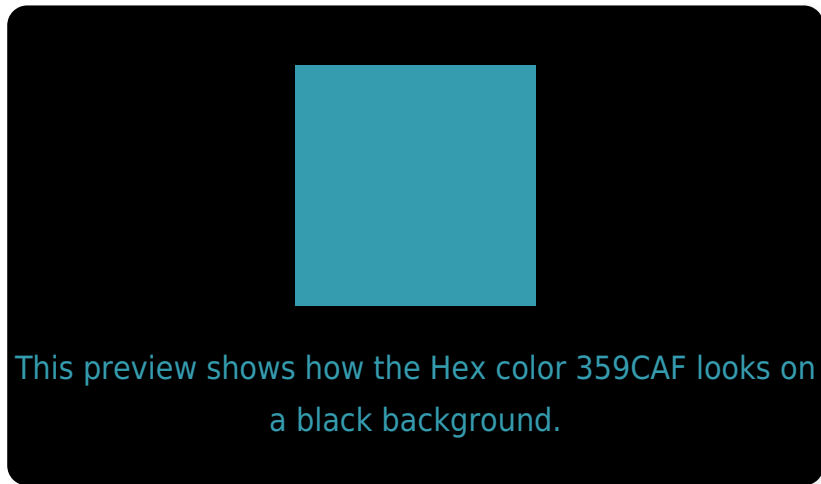
Large Text (above 18pt) WCAG AA ✓ Pass

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

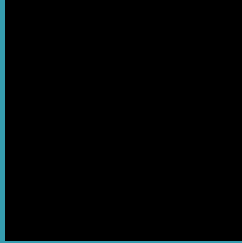
Any Text WCAG AA ✓ Pass

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 359CAF Background



This preview shows how black text looks on a background with the Hex color 359CAF.

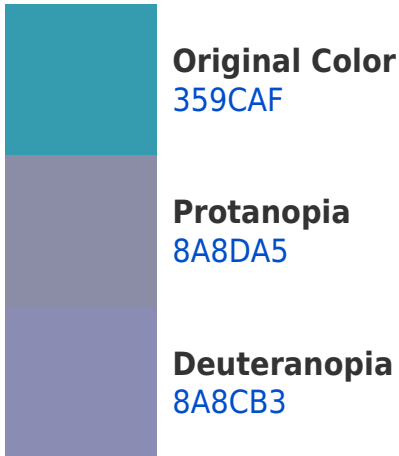


This preview shows how white text looks on a background with the Hex color 359CAF.

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](#).

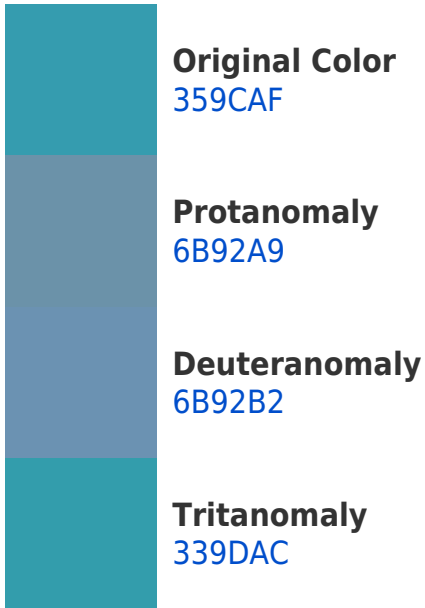
Dichromacy



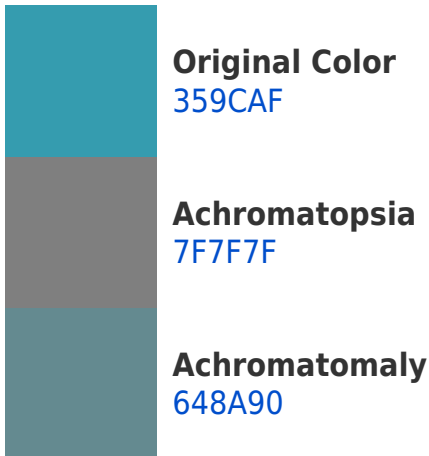


Tritanopia
329DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 359CAF 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 #359CAF looks like.

```
.text, #text, p{  
    color:#359CAF  
}
```

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 #359CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #359CAF
}
```

Border

The CSS property to change the border of an element to Hex 359CAF 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
#359CAF }
```

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

```
.border{ border-color:#359CAF }
```

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

Here you see how a box with a 4 pixel #359CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #359CAF; -webkit-box-shadow:4px 4px  
4px 4px #359CAF; box-shadow:4px 4px 4px  
4px #359CAF }
```

Background

The CSS property to change the background color of an element to Hex 359CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#359CAF }
```

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

```
.background{ background-color:#359CAF }
```

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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