

Converting Colors

Hex(35AF9E)

Have a look what the booklet for
Hex(35AF9E) contains.

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Color

Hex(35AF9E)

Conversions

Conversions Part 1

Format	Color
Hex	35AF9E
RGB	53, 175, 158
RGB Percent	21%, 69%, 62%
CMY	0.7922, 0.3137, 0.3804
CMYK	0.70, 0.00, 0.10, 0.31
HSL	172°, 54%, 45%
HSV	172°, 70%, 69%
XYZ	22.9697, 33.8855, 37.6777
YIQ	136.5840, -67.2550, -31.1510

Conversions

Conversions Part 2

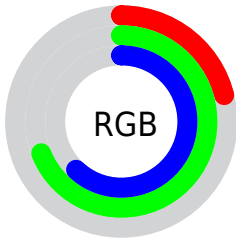
Format	Color
RYB	53, 119, 175
Decimal	3518366
CIELab	64.87, -37.14, -0.98
CIELCh	65, 37.156, 181.509
Yxy	33.8855, 0.2430, 0.3585
Android (android.graphics.Color)	4281708446 (0xFF35AF9E)
YUV	136.5840, 10.5581, -73.3032
Hunter-Lab	58.2112, -31.4348, 2.3719




Details

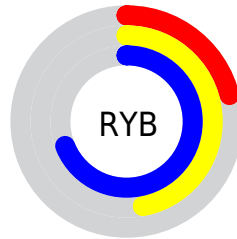
The Hex color **35AF9E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF3546**, and the grayscale version is **898989**.




A 20% lighter version of the original color is **74E7D5**, and **007A6B** is the 20% darker color. If you saturate the color by 10%, you get **24AF9C**, and if you desaturate by 10%, it is **47AFA0**.

Distribution







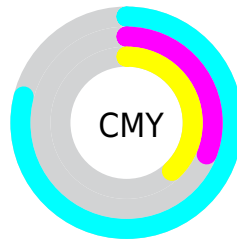
-  Red (21%)
-  Green (69%)
-  Blue (62%)






-  Red (21%)
-  Yellow (47%)
-  Blue (69%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (31%)



-  Cyan (79%)
-  Magenta (31%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35AF9E 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 35AF9E by changing the saturation by 10% instead.

 35AF9E

 35AF9E

FFFFFF

 009484

 74E7D5

 007A6B

 92FFF1

 006053

 AFFFFFF

 00483C

 CDFFFF

 003026

 EBFFFF

 001A12

 000000

 35AF9E

 35AF9E

 24AF9C

 47AFA0

■ 12AF99

■ 58AFA3

■ 01AF97

■ 6AAFA5

■ 00AF97

■ 7BAFA8

■ 8DAFAA

■ 9EAFAD

■ B0AFAF

■ C1AFB2

■ D3AFB4

Harmonies

Analogous

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



66AC7D



35AF9E



00AEBF

Triad

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



35AF9E



A394D6



CD9064

Complementary

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



35AF9E



AF3546

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.



DC867C



35AF9E



C989BE

Square

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



35AF9E



6FA0DF



DC839D



B19C5A

Rectangle

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



35AF9E



0CABD0



DC839D



D38D6B

Sweetspot

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



35AF9E



B3E3DC



47AF35



56736F



F2F2F2



737373

Same Dimension

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



35AF9E



24E3C8



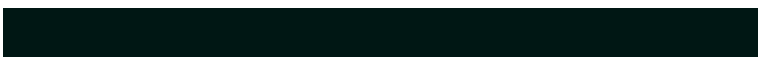
3584AF



4E5755



009681



001714

Inverse Universe

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



AF3546



E3243F



AF6035



574E4F



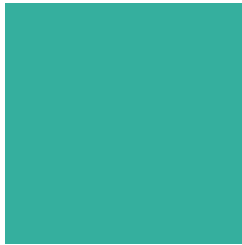
960015



170003

Previews

White Background



This preview shows how the Hex color 35AF9E looks on a white background.

Color Contrast Check

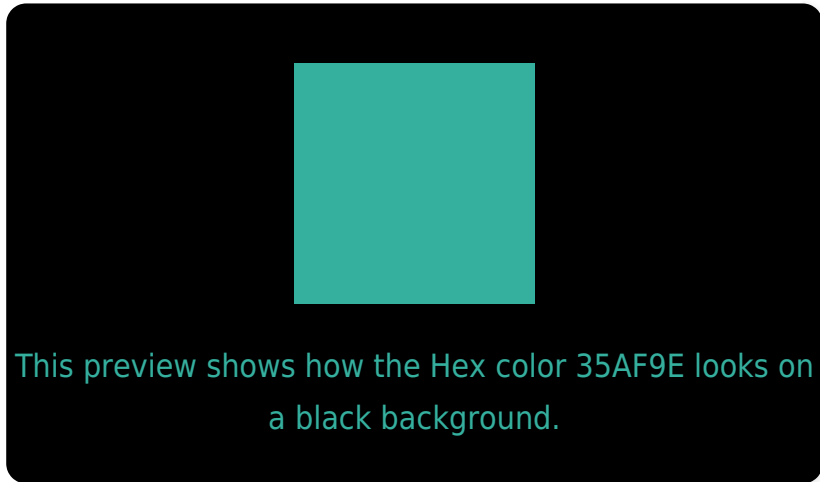
Large Text (above 18pt) WCAG AA × Fail

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

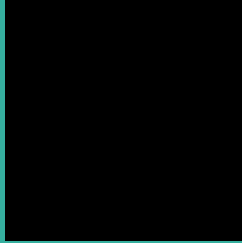
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 35AF9E Background



This preview shows how black text looks on a background with the Hex color 35AF9E.

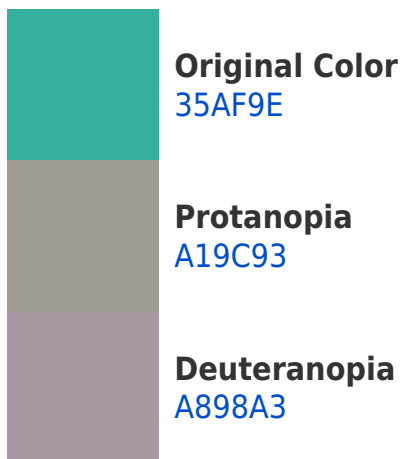


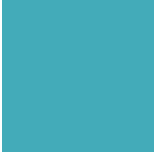
This preview shows how white text looks on a background with the Hex color 35AF9E.

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](#).

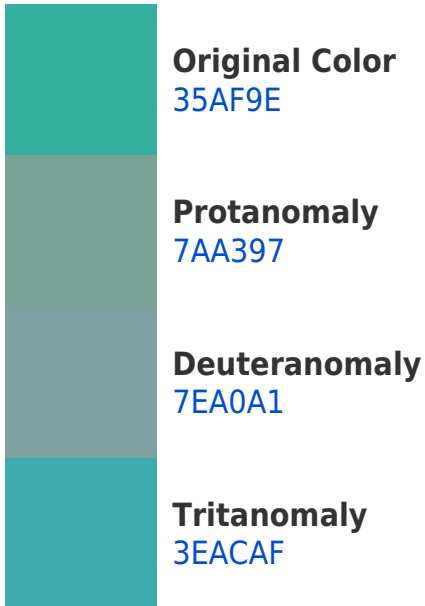
Dichromacy



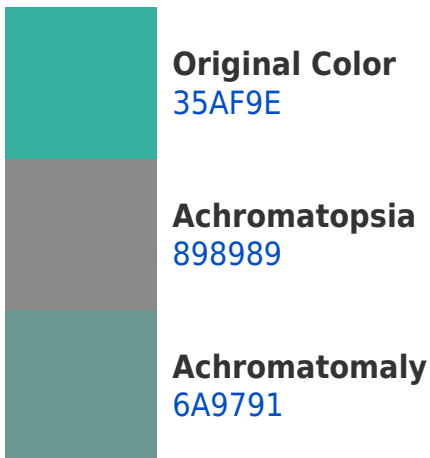


Tritanopia
43ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35AF9E 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 #35AF9E looks like.

```
.text, #text, p{  
    color:#35AF9E  
}
```

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 #35AF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AF9E
}
```

Border

The CSS property to change the border of an element to Hex 35AF9E 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
#35AF9E }
```

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

```
.border{ border-color:#35AF9E }
```

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

Here you see how a box with a 4 pixel #35AF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AF9E; -webkit-box-shadow:4px 4px  
4px 4px #35AF9E; box-shadow:4px 4px 4px  
4px #35AF9E }
```

Background

The CSS property to change the background color of an element to Hex 35AF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AF9E }
```

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

```
.background{ background-color:#35AF9E }
```

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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