

Converting Colors

Hex(34AE91)

Have a look what the booklet for
Hex(34AE91) contains.

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Color

Hex(34AE91)

Conversions

Conversions Part 1

Format	Color
Hex	34AE91
RGB	52, 174, 145
RGB Percent	20%, 68%, 57%
CMY	0.7961, 0.3176, 0.4314
CMYK	0.70, 0.00, 0.17, 0.32
HSL	166°, 54%, 44%
HSV	166°, 70%, 68%
XYZ	21.6631, 33.0465, 32.0249
YIQ	134.2160, -63.4030, -34.8830

Conversions

Conversions Part 2

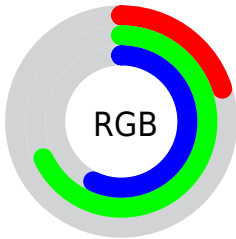
Format	Color
RYB	52, 121, 174
Decimal	3452561
CIELab	64.20, -40.26, 5.27
CIELCh	64, 40.607, 172.547
Yxy	33.0465, 0.2498, 0.3810
Android (android.graphics.Color)	4281642641 (0xFF34AE91)
YUV	134.2160, 5.3165, -72.1034
Hunter-Lab	57.4861, -33.3347, 7.2104

Details

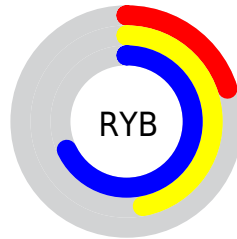
The Hex color **34AE91** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE3451**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **73E6C7**, and **00795F** is the 20% darker color. If you saturate the color by 10%, you get **23AE8D**, and if you desaturate by 10%, it is **45AE95**.

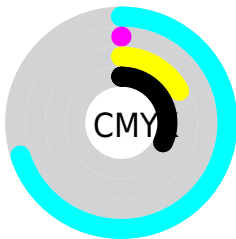
Distribution



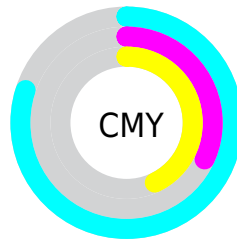
- Red (20%)
- Green (68%)
- Blue (57%)



- Red (20%)
- Yellow (47%)
- Blue (68%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (32%)



- Cyan (80%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34AE91 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 34AE91 by changing the saturation by 10% instead.

 34AE91

 34AE91

FFFFFF

 009377

 73E6C7

 00795F

 90FFE3

 005F47

 ADFFFF

 004731

 CBFFFF

 002F1C

 E8FFFF

 001702

 000000

 34AE91

 34AE91

 23AE8D

 45AE95

■ 11AE89

■ 57AE99

■ 00AE85

■ 68AE9D

■ 7AAEA2

■ 8BAEA6

■ 9CAEAA

■ AEAEAE

■ BFAEB2

■ D1AEB6

Harmonies

Analogous

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



6CAA6E



34AE91



00AEB6

Triad

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



34AE91



9196DE



D58A63

Complementary

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



34AE91



AE3451

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.



E18082



34AE91



C088C8

Square

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



34AE91



4FA2E3



DB7FA6



BA9653

Rectangle

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



34AE91



00ACCC



DB7FA6



DB866C

Sweetspot

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



34AE91



B3E3D8



53AE34



56736C



F2F2F2



737373

Same Dimension

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



34AE91



24E3B6



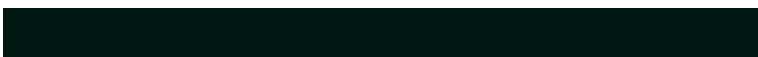
3490AE



4E5755



009673



001711

Inverse Universe

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



AE3451



E32452



AE5334



574E50



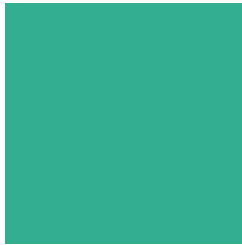
960024



170005

Previews

White Background



This preview shows how the Hex color 34AE91 looks on a white background.

Color Contrast Check

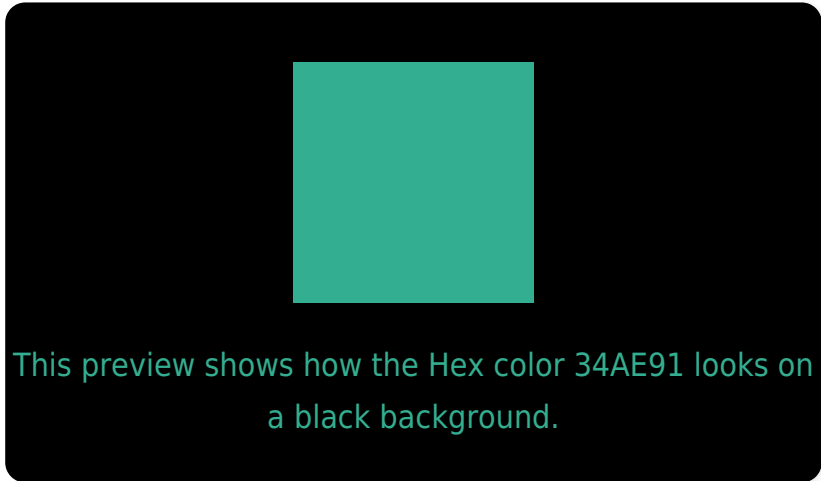
Large Text (above 18pt) WCAG AA × Fail

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

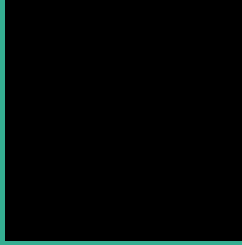
Any Text WCAG AA ✓ Pass

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 34AE91 Background



This preview shows how black text looks on a background with the Hex color 34AE91.

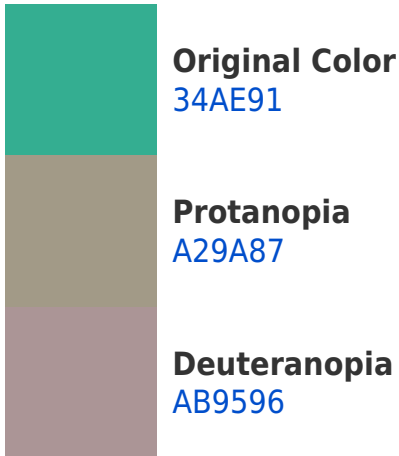


This preview shows how white text looks on a background with the Hex color 34AE91.

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](#).

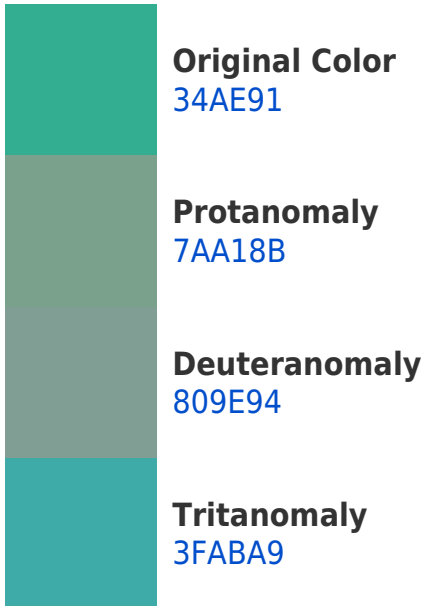
Dichromacy



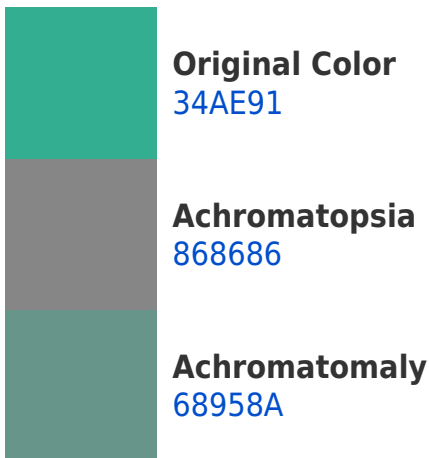


Tritanopia
46A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34AE91 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 #34AE91 looks like.

```
.text, #text, p{  
    color:#34AE91  
}
```

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 #34AE91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34AE91
}
```

Border

The CSS property to change the border of an element to Hex 34AE91 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
#34AE91 }
```

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

```
.border{ border-color:#34AE91 }
```

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

Here you see how a box with a 4 pixel #34AE91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34AE91; -webkit-box-shadow:4px 4px  
4px 4px #34AE91; box-shadow:4px 4px 4px  
4px #34AE91 }
```

Background

The CSS property to change the background color of an element to Hex 34AE91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34AE91 }
```

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

```
.background{ background-color:#34AE91 }
```

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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