

Converting Colors

Hex(34A695)

Have a look what the booklet for
Hex(34A695) contains.

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Color

Hex(34A695)

Conversions

Conversions Part 1

Format	Color
Hex	34A695
RGB	52, 166, 149
RGB Percent	20%, 65%, 58%
CMY	0.7961, 0.3490, 0.4157
CMYK	0.69, 0.00, 0.10, 0.35
HSL	171°, 52%, 43%
HSV	171°, 69%, 65%
XYZ	20.4772, 30.1724, 33.1784
YIQ	129.9760, -62.4870, -29.4550

Conversions

Conversions Part 2

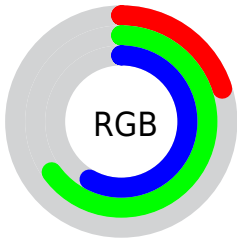
Format	Color
RYB	52, 114, 166
Decimal	3450517
CIELab	61.80, -35.61, -0.44
CIELCh	62, 35.617, 180.711
Yxy	30.1724, 0.2443, 0.3599
Android (android.graphics.Color)	4281640597 (0xFF34A695)
YUV	129.9760, 9.3788, -68.3850
Hunter-Lab	54.9294, -29.5833, 2.6384

Details

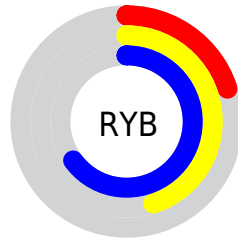
The Hex color **34A695** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A63445**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **72DECB**, and **007162** is the 20% darker color. If you saturate the color by 10%, you get **23A693**, and if you desaturate by 10%, it is **45A697**.

Distribution



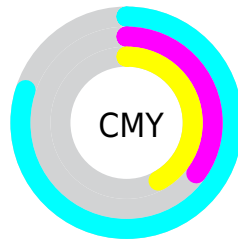
- Red (20%)
- Green (65%)
- Blue (58%)



- Red (20%)
- Yellow (45%)
- Blue (65%)



- Cyan (69%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (80%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A695 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 34A695 by changing the saturation by 10% instead.



34A695



34A695

FFFFFF



008B7B



72DECB



007162



8FFAE7



00584B



ACFFFF



004034



C9FFFF



002A1F



E7FFFF



000C07



000000



34A695



34A695



23A693



45A697

■ 13A690

■ 55A69A

■ 02A68E

■ 66A69C

■ 00A68D

■ 76A69F

■ 87A6A1

■ 98A6A4

■ A8A6A6

■ B9A6A9

■ C9A6AB

Harmonies

Analogous

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



62A375



34A695



00A5B4

Triad

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



34A695



9A8DCC



C3895F

Complementary

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



34A695



A63445

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.



D17F77



34A695



BE82B5

Square

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



34A695



6898D4



D07D96



A99456

Rectangle

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



34A695



0BA3C5



D07D96



C98566

Sweetspot

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



34A695



ABD9D2



45A634



526E6A



EDEDED



6E6E6E

Same Dimension

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



34A695



27D9BE



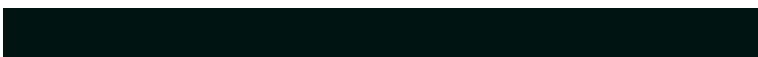
347EA6



4C5453



00947E



001411

Inverse Universe

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



A63445



D92742



A65C34



544C4D



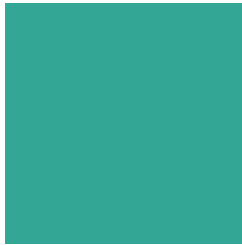
940016



140003

Previews

White Background



This preview shows how the Hex color 34A695 looks on a white background.

Color Contrast Check

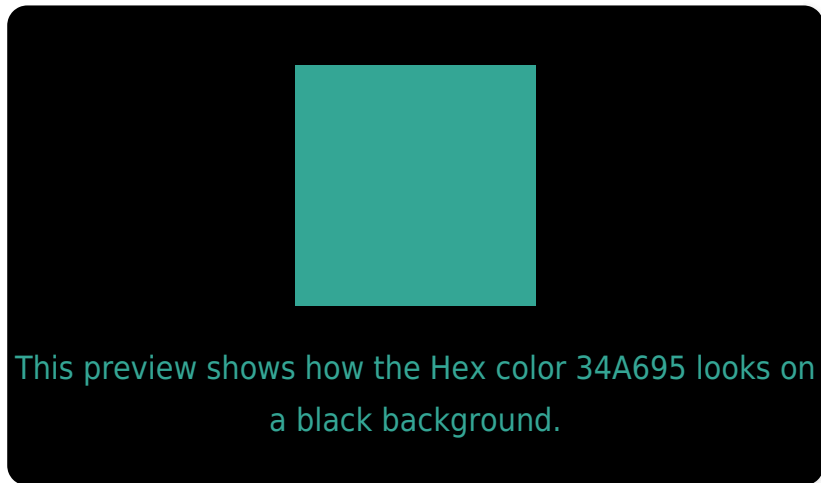
Large Text (above 18pt) WCAG AA × Fail

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

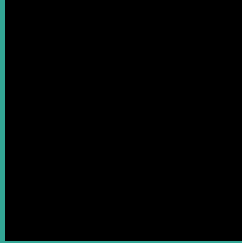
Any Text WCAG AA ✓ Pass

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 34A695 Background



This preview shows how black text looks on a background with the Hex color 34A695.

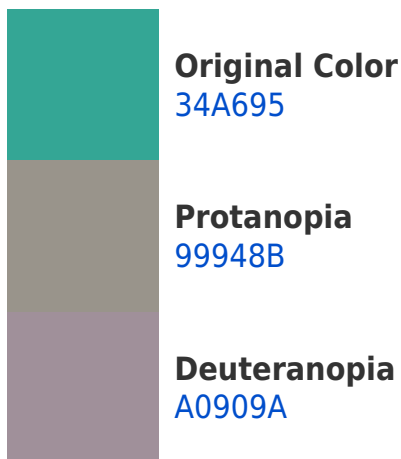


This preview shows how white text looks on a background with the Hex color 34A695.

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
41A2AF

Trichromacy



Original Color
34A695



Protanomaly
749B8F



Deuteranomaly
799898



Tritanomaly
3CA3A6

Monochromacy



Original Color
34A695



Achromatopsia
828282



Achromatomaly
668F89

CSS Examples

Text

The CSS property to change the color of the text to Hex 34A695 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 #34A695 looks like.

```
.text, #text, p{  
    color:#34A695  
}
```

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 #34A695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A695
}
```

Border

The CSS property to change the border of an element to Hex 34A695 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
#34A695 }
```

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

```
.border{ border-color:#34A695 }
```

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

Here you see how a box with a 4 pixel #34A695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A695; -webkit-box-shadow:4px 4px  
4px 4px #34A695; box-shadow:4px 4px 4px  
4px #34A695 }
```

Background

The CSS property to change the background color of an element to Hex 34A695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A695 }
```

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

```
.background{ background-color:#34A695 }
```

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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