

Converting Colors

Hex(34A689)

Have a look what the booklet for
Hex(34A689) contains.

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Color

Hex(34A689)

Conversions

Conversions Part 1

Format	Color
Hex	34A689
RGB	52, 166, 137
RGB Percent	20%, 65%, 54%
CMY	0.7961, 0.3490, 0.4627
CMYK	0.69, 0.00, 0.17, 0.35
HSL	165°, 52%, 43%
HSV	165°, 69%, 65%
XYZ	19.5677, 29.8086, 28.3892
YIQ	128.6080, -58.6350, -33.1870

Conversions

Conversions Part 2

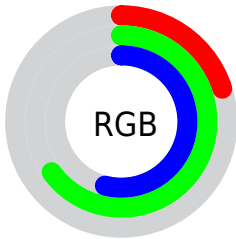
Format	Color
RYB	52, 117, 166
Decimal	3450505
CIELab	61.49, -38.77, 5.83
CIElCh	61, 39.202, 171.445
Yxy	29.8086, 0.2516, 0.3833
Android (android.graphics.Color)	4281640585 (0xFF34A689)
YUV	128.6080, 4.1373, -67.1852
Hunter-Lab	54.5973, -31.5706, 7.3888

Details

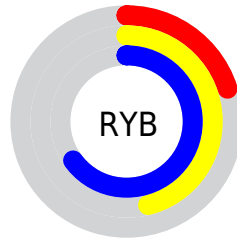
The Hex color **34A689** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A63451**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **71DEBE**, and **007157** is the 20% darker color. If you saturate the color by 10%, you get **23A685**, and if you desaturate by 10%, it is **45A68D**.

Distribution



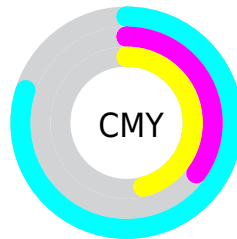
- Red (20%)
- Green (65%)
- Blue (54%)



- Red (20%)
- Yellow (46%)
- Blue (65%)



- Cyan (69%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)



- Cyan (80%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A689 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 34A689 by changing the saturation by 10% instead.

 34A689

 34A689

FFFFFF

 028B70

 71DEBE

 007157

 8EFBDA

 005840

 ABFFF7

 00402A

 C8FFFF

 002A16

 E6FFFF

 000A00

 000000

 34A689

 34A689

 23A685

 45A68D

■ 13A681

■ 55A691

■ 02A67C

■ 66A696

■ 00A67C

■ 76A69A

■ 87A69E

■ 98A6A2

■ A8A6A7

■ B9A6AB

■ C9A6AF

Harmonies

Analogous

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



69A268



34A689



00A6AD

Triad

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



34A689



898FD5



CC835F

Complementary

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



34A689



A63451

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.



D77A7D



34A689



B682C0

Square

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



34A689



489BD9



D179A0



B38F4F

Rectangle

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



34A689



00A5C1



D179A0



D17F68

Sweetspot

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



34A689



ABD9CD



52A634



526E67



EDEDED



6E6E6E

Same Dimension

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



34A689



27D9AC



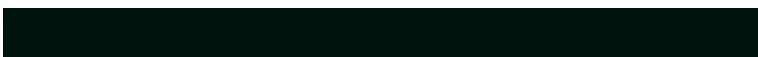
348BA6



4C5452



00946E



00140F

Inverse Universe

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



A63451



D92754



A64F34



544C4E



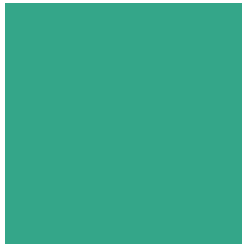
940026



140005

Previews

White Background



This preview shows how the Hex color 34A689 looks on a white background.

Color Contrast Check

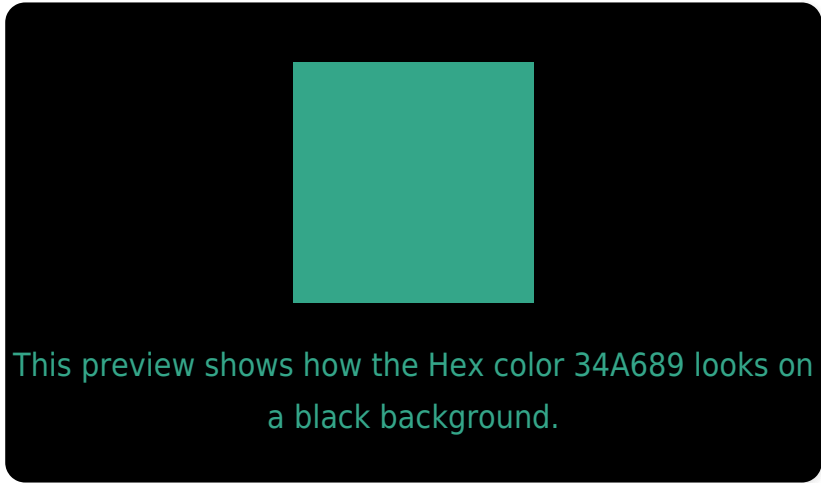
Large Text (above 18pt) WCAG AA ✓ Pass

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

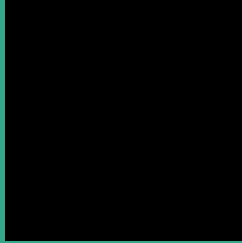
Any Text WCAG AA ✓ Pass

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 34A689 Background



This preview shows how black text looks on a background with the Hex color 34A689.

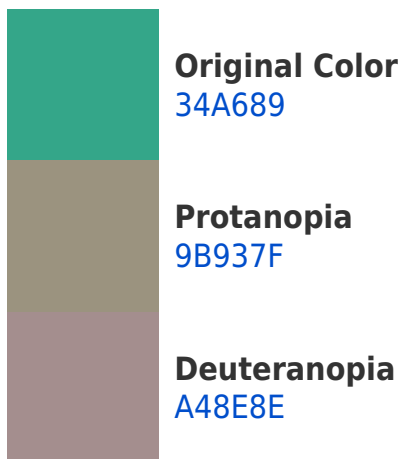


This preview shows how white text looks on a background with the Hex color 34A689.

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](#).

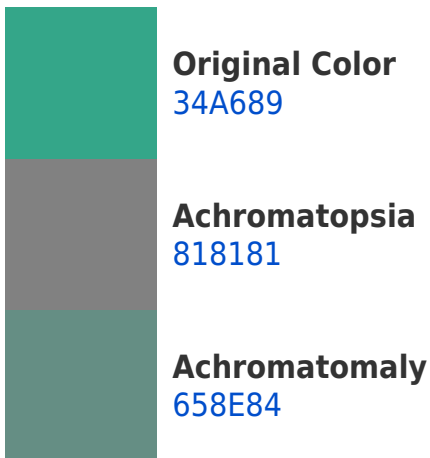
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34A689 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 #34A689 looks like.

```
.text, #text, p{  
    color:#34A689  
}
```

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 #34A689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A689
}
```

Border

The CSS property to change the border of an element to Hex 34A689 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
#34A689 }
```

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

```
.border{ border-color:#34A689 }
```

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

Here you see how a box with a 4 pixel #34A689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A689; -webkit-box-shadow:4px 4px  
4px 4px #34A689; box-shadow:4px 4px 4px  
4px #34A689 }
```

Background

The CSS property to change the background color of an element to Hex 34A689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A689 }
```

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

```
.background{ background-color:#34A689 }
```

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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