

Converting Colors

Hex(33A96E)

Have a look what the booklet for
Hex(33A96E) contains.

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Color

Hex(33A96E)

Conversions

Conversions Part 1

Format	Color
Hex	33A96E
RGB	51, 169, 110
RGB Percent	20%, 66%, 43%
CMY	0.8000, 0.3373, 0.5686
CMYK	0.70, 0.00, 0.35, 0.34
HSL	150°, 54%, 43%
HSV	150°, 70%, 66%
XYZ	18.3677, 30.2055, 19.6140
YIQ	126.9920, -51.3890, -43.3650

Conversions

Conversions Part 2

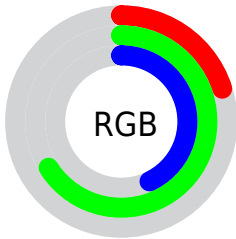
Format	Color
RYB	51, 130, 169
Decimal	3385710
CIELab	61.83, -46.41, 21.24
CIELCh	62, 51.035, 155.408
Yxy	30.2055, 0.2694, 0.4430
Android (android.graphics.Color)	4281575790 (0xFF33A96E)
YUV	126.9920, -8.3771, -66.6450
Hunter-Lab	54.9596, -36.5239, 17.3122

Details

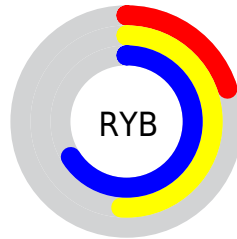
The Hex color **33A96E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A9336E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **70E1A2**, and **00743E** is the 20% darker color. If you saturate the color by 10%, you get **22A966**, and if you desaturate by 10%, it is **44A976**.

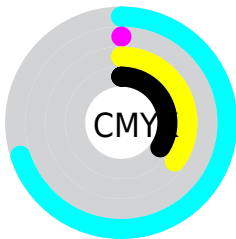
Distribution



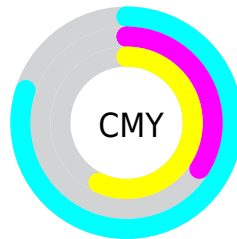
- Red (20%)
- Green (66%)
- Blue (43%)



- Red (20%)
- Yellow (51%)
- Blue (66%)



- Cyan (70%)
- Magenta (0%)
- Yellow (35%)
- Black (34%)



- Cyan (80%)
- Magenta (34%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A96E 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 33A96E by changing the saturation by 10% instead.



33A96E



33A96E

FFFFFF



008E55



70E1A2



00743E



8DFEBD



005A27



AAFFD9



004212



C7FFF6



002C00



E5FFFF



000C00



000000



33A96E



33A96E



22A966



44A976

■ 11A95D

■ 55A97F

■ 00A955

■ 66A987

■ 00A954

■ 77A990

■ 87A998

■ 98A9A1

■ A9A9A9

■ BAA9B2

■ CBA9BA

Harmonies

Analogous

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



78A248



33A96E



00AC9C

Triad

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



33A96E



4E98EF



E47563

Complementary

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



33A96E



A9336E

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.



E86D8F



33A96E



A386DF

Square

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



33A96E



00A4E7



D375BC



CD8542

Rectangle

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



33A96E



00ABBB



D375BC



E87171

Sweetspot

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



33A96E



ADD8C4



6EA933



526E60



EDEDED



6E6E6E

Same Dimension

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



33A96E



23DB7F



33A9A9



4C5450



00944A



00140A

Inverse Universe

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



A9336E



DB237F



A93333



544C50



94004A



14000A

Previews

White Background



This preview shows how the Hex color 33A96E looks on a white background.

Color Contrast Check

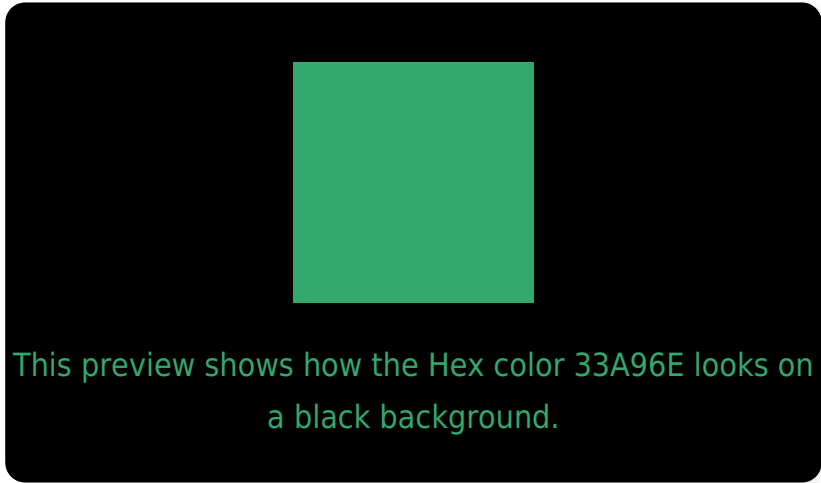
Large Text (above 18pt) WCAG AA × Fail

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

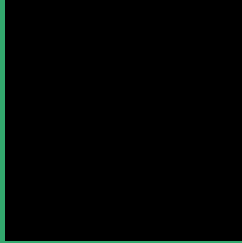
Any Text WCAG AA ✓ Pass

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 33A96E Background



This preview shows how black text looks on a background with the Hex color 33A96E.

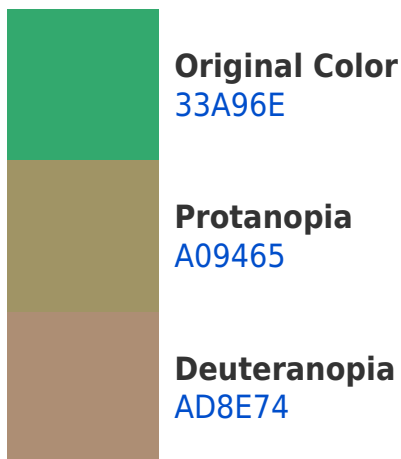


This preview shows how white text looks on a background with the Hex color 33A96E.

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](#).

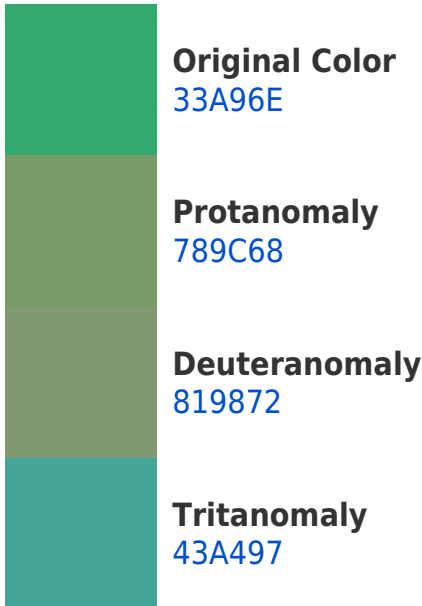
Dichromacy





Tritanopia
4CA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33A96E 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 #33A96E looks like.

```
.text, #text, p{  
    color:#33A96E  
}
```

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 #33A96E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A96E
}
```

Border

The CSS property to change the border of an element to Hex 33A96E 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
#33A96E }
```

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

```
.border{ border-color:#33A96E }
```

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

Here you see how a box with a 4 pixel #33A96E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A96E; -webkit-box-shadow:4px 4px  
4px 4px #33A96E; box-shadow:4px 4px 4px  
4px #33A96E }
```

Background

The CSS property to change the background color of an element to Hex 33A96E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A96E }
```

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

```
.background{ background-color:#33A96E }
```

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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