

Converting Colors

Hex(33A86B)

Have a look what the booklet for
Hex(33A86B) contains.

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Color

Hex(33A86B)

Conversions

Conversions Part 1

Format	Color
Hex	33A86B
RGB	51, 168, 107
RGB Percent	20%, 66%, 42%
CMY	0.8000, 0.3412, 0.5804
CMYK	0.70, 0.00, 0.36, 0.34
HSL	149°, 53%, 43%
HSV	149°, 70%, 66%
XYZ	18.0217, 29.7706, 18.7064
YIQ	126.0630, -50.1510, -43.7750

Conversions

Conversions Part 2

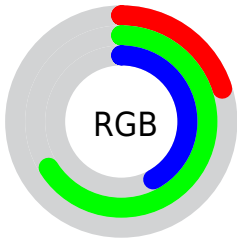
Format	Color
RYB	51, 130, 168
Decimal	3385451
CIELab	61.46, -46.61, 22.36
CIELCh	61, 51.700, 154.373
Yxy	29.7706, 0.2710, 0.4477
Android (android.graphics.Color)	4281575531 (0xFF33A86B)
YUV	126.0630, -9.3981, -65.8303
Hunter-Lab	54.5624, -36.5266, 17.8665

Details

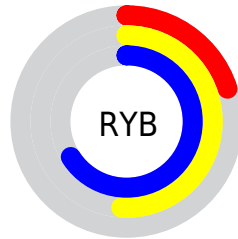
The Hex color **33A86B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A83370**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **70E09F**, and **00733B** is the 20% darker color. If you saturate the color by 10%, you get **22A862**, and if you desaturate by 10%, it is **44A874**.

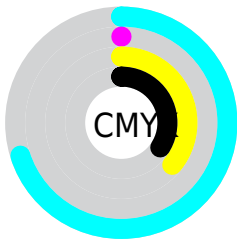
Distribution



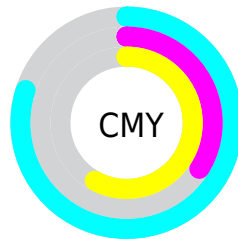
- Red (20%)
- Green (66%)
- Blue (42%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (36%)
- Black (34%)



- Cyan (80%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A86B 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 33A86B by changing the saturation by 10% instead.



33A86B



33A86B

FFFFFF



008D52



70E09F



00733B



8DFDBA



005924



AAFFD6



00410F



C7FFF2



002B00



E4FFFF



000A00



000000



33A86B



33A86B



22A862



44A874

■ 11A859

■ 55A87D

■ 01A851

■ 65A885

■ 00A850

■ 76A88E

■ 87A897

■ 98A8A0

■ A9A8A8

■ B9A8B1

■ CAA8BA

Harmonies

Analogous

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



78A145



33A86B



00AB9A

Triad

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



33A86B



4697F0



E57363

Complementary

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



33A86B



A83370

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.



E86C8F



33A86B



A086E0

Square

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



33A86B



00A4E6



D274BD



CD8441

Rectangle

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



33A86B



00ABB9



D274BD



E86F71

Sweetspot

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



33A86B



ADD8E6



71A833



526E5F



EDEDED



6E6E6E

Same Dimension

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



33A86B



23DB7B



33A8A4



4C5450



009447



00140A

Inverse Universe

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



A83370



DB2383



A83337



544C50



94004D



14000B

Previews

White Background



This preview shows how the Hex color 33A86B looks on a white background.

Color Contrast Check

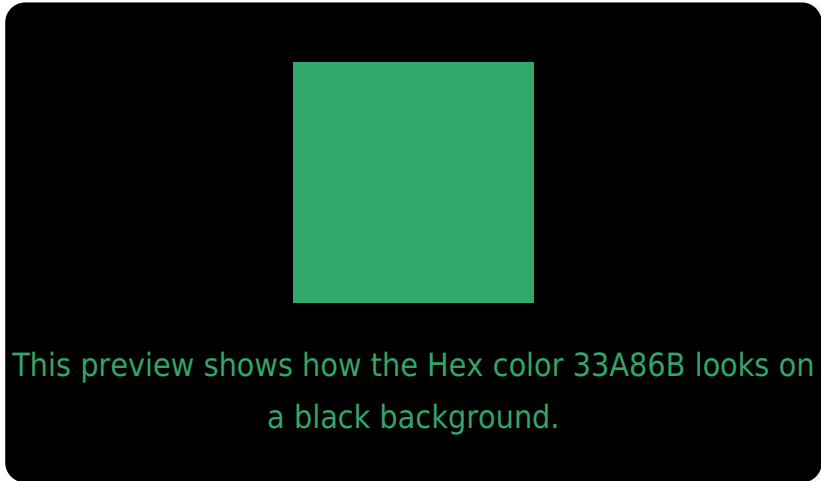
Large Text (above 18pt) WCAG AA ✓ Pass

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

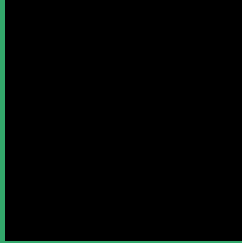
Any Text WCAG AA ✓ Pass

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 33A86B Background



This preview shows how black text looks on a background with the Hex color 33A86B.

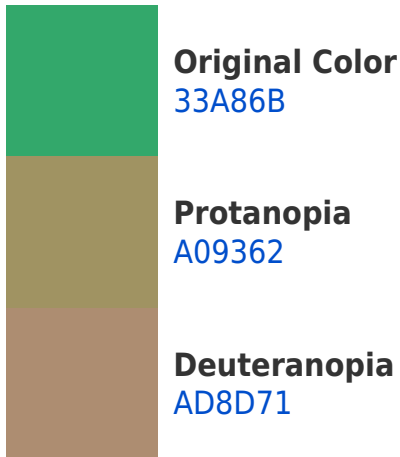


This preview shows how white text looks on a background with the Hex color 33A86B.

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](#).

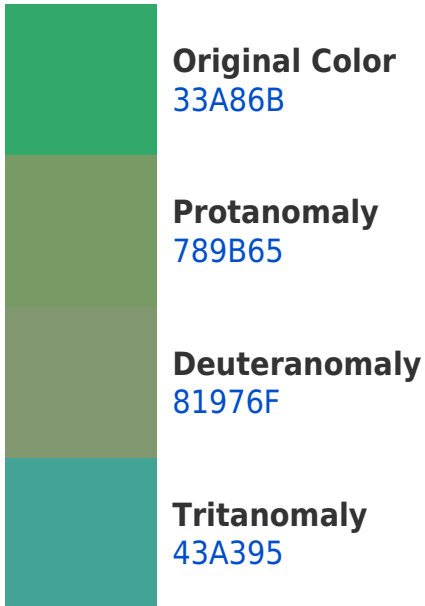
Dichromacy





Tritanopia
4CA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33A86B 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 #33A86B looks like.

```
.text, #text, p{  
    color:#33A86B  
}
```

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 #33A86B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A86B
}
```

Border

The CSS property to change the border of an element to Hex 33A86B 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
#33A86B }
```

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

```
.border{ border-color:#33A86B }
```

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

Here you see how a box with a 4 pixel #33A86B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A86B; -webkit-box-shadow:4px 4px  
4px 4px #33A86B; box-shadow:4px 4px 4px  
4px #33A86B }
```

Background

The CSS property to change the background color of an element to Hex 33A86B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A86B }
```

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

```
.background{ background-color:#33A86B }
```

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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