

Converting Colors

Hex(34B380)

Have a look what the booklet for
Hex(34B380) contains.

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Color

Hex(34B380)

Conversions

Conversions Part 1

Format	Color
Hex	34B380
RGB	52, 179, 128
RGB Percent	20%, 70%, 50%
CMY	0.7961, 0.2980, 0.4980
CMYK	0.71, 0.00, 0.28, 0.30
HSL	156°, 55%, 45%
HSV	156°, 71%, 70%
XYZ	21.4326, 34.5288, 25.9572
YIQ	135.2130, -59.3210, -42.7850

Conversions

Conversions Part 2

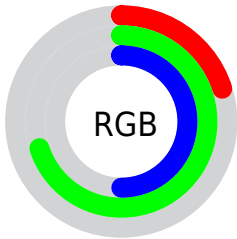
Format	Color
RYB	52, 131, 179
Decimal	3453824
CIELab	65.38, -46.44, 16.30
CIELCh	65, 49.221, 160.662
Yxy	34.5288, 0.2616, 0.4215
Android (android.graphics.Color)	4281643904 (0xFF34B380)
YUV	135.2130, -3.5560, -72.9778
Hunter-Lab	58.7612, -37.7260, 14.9421

Details

The Hex color **34B380** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B33467**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **73ECB5**, and **007D4F** is the 20% darker color. If you saturate the color by 10%, you get **22B379**, and if you desaturate by 10%, it is **46B387**.

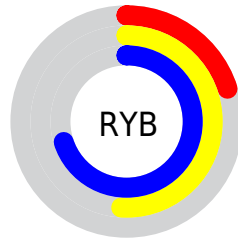
Distribution



Red (20%)

Green (70%)

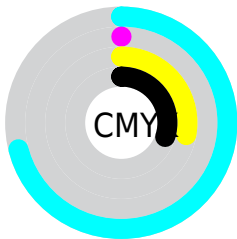
Blue (50%)



Red (20%)

Yellow (51%)

Blue (70%)

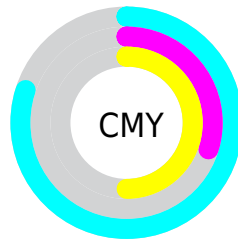


Cyan (71%)

Magenta (0%)

Yellow (28%)

Black (30%)



Cyan (80%)

Magenta (30%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Hex color 34B380 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 34B380 by changing the saturation by 10% instead.

 34B380

 34B380

FFFFFF

 009867

 73ECB5

 007D4F

 90FFD1

 006338

 AEFFED

 004A22

 CBFFFF

 00330C

 E9FFFF

 001B00

 000000

 34B380

 34B380

 22B379

 46B387

 10B372

 58B38E

 00B36B

 6AB396

 7CB39D

 8EB3A4

 9FB3AB

 B1B3B2

 C3B3BA

 D5B3C1

Harmonies

Analogous

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



79AD59



34B380



00B5AE

Triad

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



34B380



709EF5



EA8267

Complementary

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



34B380



B33467

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.



F17991



34B380



B78DE2

Square

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



34B380



00ABF1



E17EBD



D0924B

Rectangle

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



34B380



00B4CA



E17EBD



EF7E74

Sweetspot

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



34B380



B7E8D4



69B334



58756A



F5F5F5



757575

Same Dimension

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



34B380



23E899



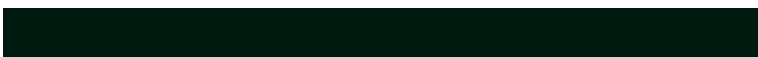
34A8B3



505956



00995C



001A0F

Inverse Universe

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



B33467



E82372



B33F34



595054



99003D



1A000A

Previews

White Background



This preview shows how the Hex color 34B380 looks on a white background.

Color Contrast Check

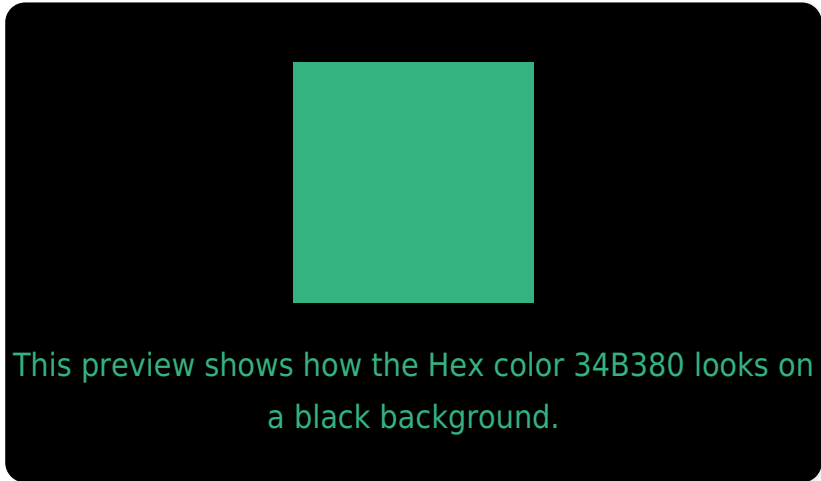
Large Text (above 18pt) WCAG AA × Fail

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

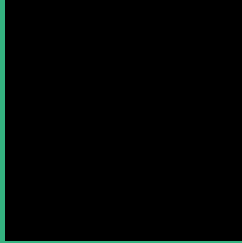
Any Text WCAG AA ✓ Pass

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 34B380 Background



This preview shows how black text looks on a background with the Hex color 34B380.

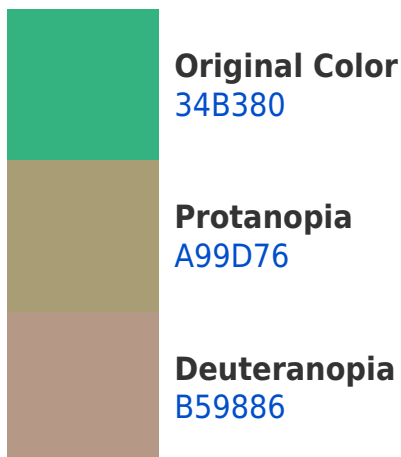


This preview shows how white text looks on a background with the Hex color 34B380.

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



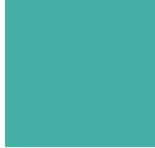
Original Color
34B380



Protanomaly
7EA57A



Deuteranomaly
86A284



Tritanomaly
44AFA5

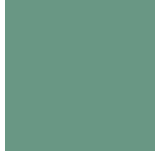
Monochromacy



Original Color
34B380



Achromatopsia
878787



Achromatomaly
699784

CSS Examples

Text

The CSS property to change the color of the text to Hex 34B380 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 #34B380 looks like.

```
.text, #text, p{  
    color:#34B380  
}
```

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 #34B380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B380
}
```

Border

The CSS property to change the border of an element to Hex 34B380 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
#34B380 }
```

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

```
.border{ border-color:#34B380 }
```

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

Here you see how a box with a 4 pixel #34B380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B380; -webkit-box-shadow:4px 4px  
4px 4px #34B380; box-shadow:4px 4px 4px  
4px #34B380 }
```

Background

The CSS property to change the background color of an element to Hex 34B380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B380 }
```

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

```
.background{ background-color:#34B380 }
```

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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