

Converting Colors

Hex(34B055)

Have a look what the booklet for
Hex(34B055) contains.

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Color

Hex(34B055)

Conversions

Conversions Part 1

Format	Color
Hex	34B055
RGB	52, 176, 85
RGB Percent	20%, 69%, 33%
CMY	0.7961, 0.3098, 0.6667
CMYK	0.70, 0.00, 0.52, 0.31
HSL	136°, 54%, 45%
HSV	136°, 70%, 69%
XYZ	18.5812, 32.4366, 13.8759
YIQ	128.5500, -44.6930, -54.5890

Conversions

Conversions Part 2

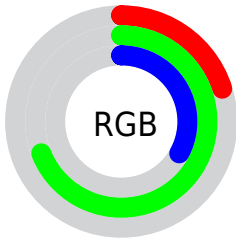
Format	Color
RYB	52, 150, 176
Decimal	3453013
CIELab	63.70, -53.35, 36.77
CIElCh	64, 64.798, 145.426
Yxy	32.4366, 0.2863, 0.4998
Android (android.graphics.Color)	4281643093 (0xFF34B055)
YUV	128.5500, -21.4702, -67.1344
Hunter-Lab	56.9531, -41.4316, 25.4220

Details

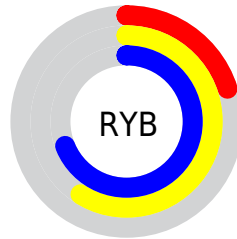
The Hex color **34B055** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B0348F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **73E988**, and **007A24** is the 20% darker color. If you saturate the color by 10%, you get **22B048**, and if you desaturate by 10%, it is **46B062**.

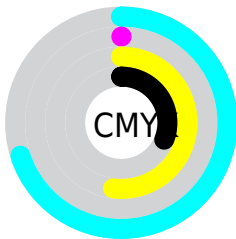
Distribution



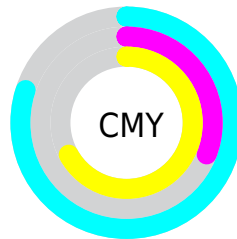
- Red (20%)
- Green (69%)
- Blue (33%)



- Red (20%)
- Yellow (59%)
- Blue (69%)



- Cyan (70%)
- Magenta (0%)
- Yellow (52%)
- Black (31%)



- Cyan (80%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B055 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 34B055 by changing the saturation by 10% instead.

 34B055

 34B055

FFFFFF

 00953C

 73E988

 007A24

 90FFA3

 006008

 ADFFBF

 004700

 CBFFDB

 003100

 E9FFF8

 001500

 000000

 34B055

 34B055

 22B048

 46B062

■ 11B03B

■ 57B06F

■ 00B02F

■ 69B07C

■ 7AB089

■ 8CB096

■ 9EB0A2

■ AFB0AF

■ C1B0BC

■ D2B0C9

Harmonies

Analogous

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



87A624



34B055



00B58F

Triad

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



34B055



00A4FF



FF686C

Complementary

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



34B055



B0348F

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.



FD63A6



34B055



8A8FFF

Square

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



34B055



00B0F9



D875DD



E97D3A

Rectangle

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



34B055



00B6B7



D875DD



FF637F

Sweetspot

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



34B055



B5E6C2



91B034



56735E



F2F2F2



737373

Same Dimension

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



34B055



22E656



34B091



505953



009929



001A07

Inverse Universe

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



B0348F



E622B2



B03453



595057



990070



1A0013

Previews

White Background



This preview shows how the Hex color 34B055 looks on a white background.

Color Contrast Check

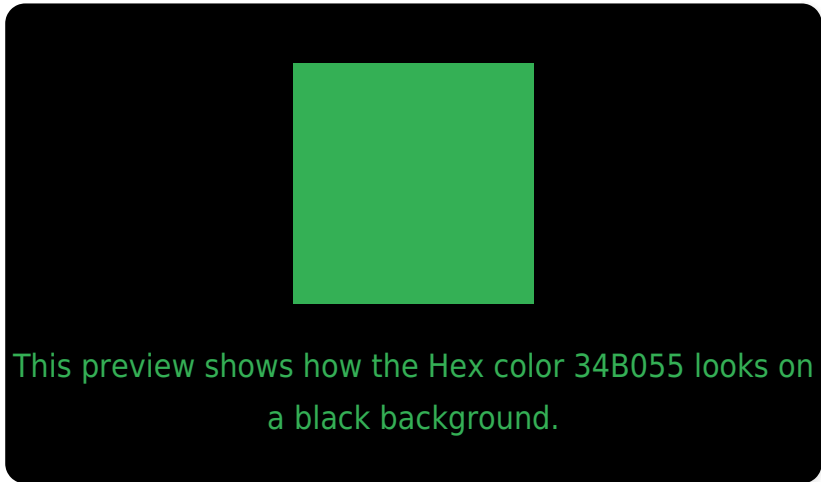
Large Text (above 18pt) WCAG AA × Fail

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

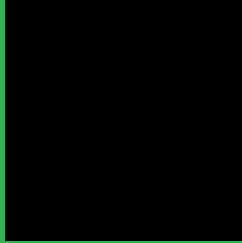
Any Text WCAG AA ✓ Pass

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 34B055 Background



This preview shows how black text looks on a background with the Hex color 34B055.

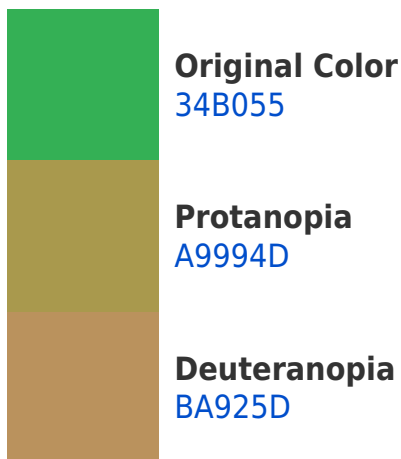


This preview shows how white text looks on a background with the Hex color 34B055.

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](#).

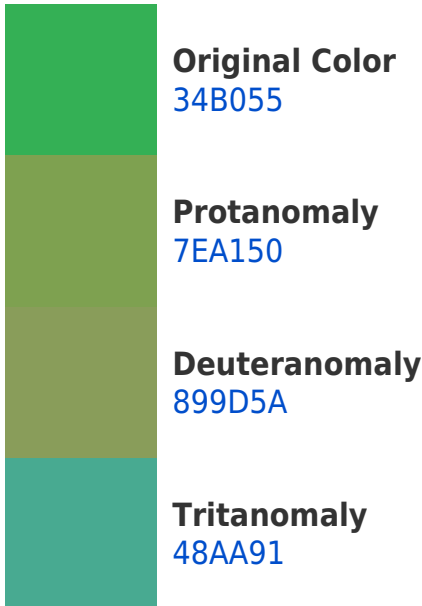
Dichromacy





Tritanopia
53A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34B055 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 #34B055 looks like.

```
.text, #text, p{  
    color:#34B055  
}
```

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 #34B055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B055
}
```

Border

The CSS property to change the border of an element to Hex 34B055 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
#34B055 }
```

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

```
.border{ border-color:#34B055 }
```

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

Here you see how a box with a 4 pixel #34B055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B055; -webkit-box-shadow:4px 4px  
4px 4px #34B055; box-shadow:4px 4px 4px  
4px #34B055 }
```

Background

The CSS property to change the background color of an element to Hex 34B055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B055 }
```

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

```
.background{ background-color:#34B055 }
```

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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