

# Converting Colors

Hex(34B555)

Have a look what the booklet for  
Hex(34B555) contains.

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# **Color**

**Hex(34B555)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34B555
RGB	52, 181, 85
RGB Percent	20%, 71%, 33%
CMY	0.7961, 0.2902, 0.6667
CMYK	0.71, 0.00, 0.53, 0.29
HSL	135°, 55%, 46%
HSV	135°, 71%, 71%
XYZ	19.5797, 34.4337, 14.2087
YIQ	131.4850, -46.0680, -57.2040

# Conversions

## Conversions Part 2

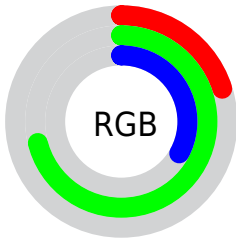
Format	Color
<a href="#">RYB</a>	<a href="#">52, 155, 181</a>
Decimal	<a href="#">3454293</a>
CIELab	<a href="#">65.31, -55.16, 38.74</a>
CIELCh	<a href="#">65, 67.401, 144.919</a>
Yxy	<a href="#">34.4337, 0.2870, 0.5047</a>
Android (android.graphics.Color)	<a href="#">4281644373 (0xFF34B555)</a>
YUV	<a href="#">131.4850, -22.9171, -69.7083</a>
Hunter-Lab	<a href="#">58.6802, -43.1306, 26.7198</a>

# Details

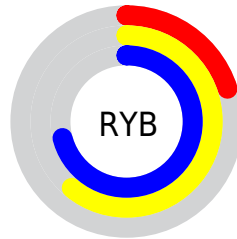
The Hex color **34B555** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B53494**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **74EE89**, and **007F23** is the 20% darker color. If you saturate the color by 10%, you get **22B548**, and if you desaturate by 10%, it is **46B562**.

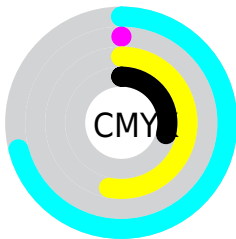
# Distribution



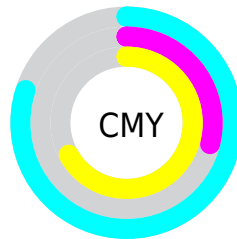
- Red (20%)
- Green (71%)
- Blue (33%)



- Red (20%)
- Yellow (61%)
- Blue (71%)



- Cyan (71%)
- Magenta (0%)
- Yellow (53%)
- Black (29%)



- Cyan (80%)
- Magenta (29%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34B555 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 34B555 by changing the saturation by 10% instead.



 34B555

 34B555

FFFFFF

 009A3C

 74EE89

 007F23

 91FFA4

 006506

 AFFFBF

 004B00

 CCFFDB

 003400

 EAFFF8

 001B00

 000000

 34B555

 34B555

 22B548

 46B562

 10B53A

 58B570

 00B52E

 6AB57D

 7CB58B

 8FB598

 A1B5A6

 B3B5B3

 C5B5C1

 D7B5CE

# Harmonies

## Analogous

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



8CAA21



34B555



00BA92

# Triad

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



34B555



00A9FF



FF696F

# Complementary

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



34B555



B53494

# 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.



FF64AB



34B555



8B93FF

# Square

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



34B555



00B5FF



DD78E5



F1803B

# Rectangle

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



34B555



00BBBC



DD78E5



FF6483



# Sweetspot

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



34B555



B9EBC6



95B534



58755F



F5F5F5



757575



# Same Dimension

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



34B555



21EB54



34B595



505953



009927



001A07



# Inverse Universe

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



B53494



EB21B7



B53454



595057



990072



1A0013



# Previews

## White Background



This preview shows how the Hex color 34B555 looks on a white background.

## Color Contrast Check

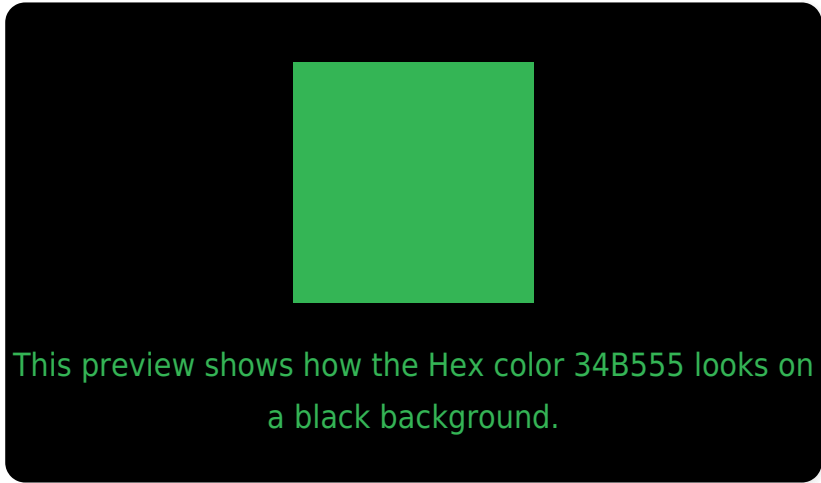
Large Text (above 18pt) WCAG AA × Fail

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 34B555 Background



This preview shows how black text looks on a background with the Hex color 34B555.

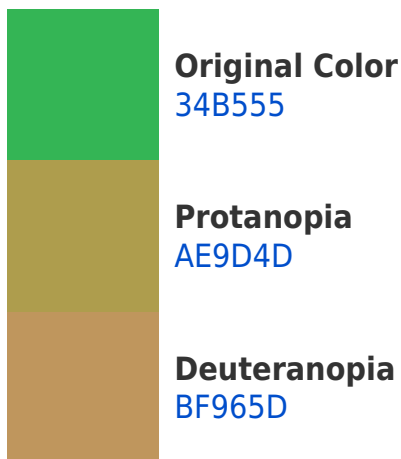


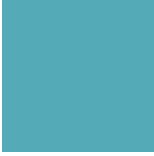
This preview shows how white text looks on a background with the Hex color 34B555.

# 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**  
55AAB8

# Trichromacy



**Original Color**

34B555



**Protanomaly**

82A650



**Deuteranomaly**

8CA15A



**Tritanomaly**

49AE94

# Monochromacy



**Original Color**

34B555



**Achromatopsia**

838383



**Achromatomaly**

669572

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34B555 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 #34B555 looks like.

```
.text, #text, p{  
    color:#34B555  
}
```

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 #34B555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B555
}
```

## Border

The CSS property to change the border of an element to Hex 34B555 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
#34B555 }
```

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

```
.border{ border-color:#34B555 }
```

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

Here you see how a box with a 4 pixel #34B555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B555; -webkit-box-shadow:4px 4px  
4px 4px #34B555; box-shadow:4px 4px 4px  
4px #34B555 }
```

# Background

The CSS property to change the background color of an element to Hex 34B555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B555 }
```

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

```
.background{ background-color:#34B555 }
```

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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