

Converting Colors

Hex(34CB56)

Have a look what the booklet for
Hex(34CB56) contains.

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Color

Hex(34CB56)

Conversions

Conversions Part 1

Format	Color
Hex	34CB56
RGB	52, 203, 86
RGB Percent	20%, 80%, 34%
CMY	0.7961, 0.2039, 0.6627
CMYK	0.74, 0.00, 0.58, 0.20
HSL	134°, 59%, 50%
HSV	134°, 74%, 80%
XYZ	24.4518, 44.1138, 16.0302
YIQ	144.5130, -52.4390, -68.3990

Conversions

Conversions Part 2

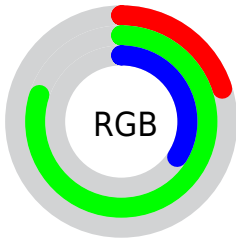
Format	Color
RYB	52, 175, 203
Decimal	3459926
CIELab	72.30, -62.62, 46.64
CIELCh	72, 78.084, 143.320
Yxy	44.1138, 0.2890, 0.5215
Android (android.graphics.Color)	4281650006 (0xFF34CB56)
YUV	144.5130, -28.8469, -81.1339
Hunter-Lab	66.4182, -50.5173, 32.1830

Details

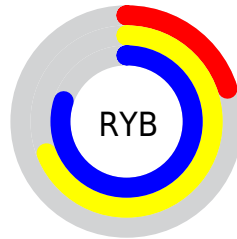
The Hex color **34CB56** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **CB34A9**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **79FF8B**, and **009321** is the 20% darker color. If you saturate the color by 10%, you get **20CB46**, and if you desaturate by 10%, it is **48CB66**.

Distribution



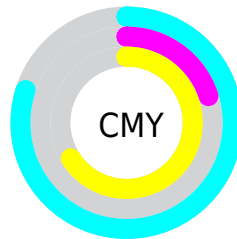
- Red (20%)
- Green (80%)
- Blue (34%)



- Red (20%)
- Yellow (69%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (58%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34CB56 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 34CB56 by changing the saturation by 10% instead.

 34CB56

 34CB56

FFFFFF

 00AF3C

 79FF8B

 009321

 97FFA6

 007900

 B6FFC2


 005E00

 D4FFDE

 004500

 F2FFFC

 002E00

 000F00

 000000

 34CB56

 34CB56


 20CB46

 48CB66

 0BCB37

 5DCB75

 00CB2E

 71CB85

 85CB95

 9ACBA5

 AECBB4

 C2CBC4

 D6CBD4

 EBCBE4

Harmonies

Analogous

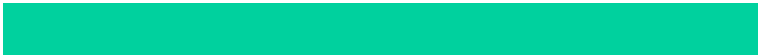
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EBE0B



34CB56



00D19E

Triad

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



34CB56



00BFFF



FF6E7D

Complementary

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



34CB56



CB34A9

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.



FF69C4



34CB56



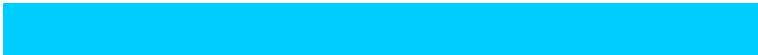
90A5FF

Square

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



34CB56



00CDFE



F784FF



FF8B3D

Rectangle

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



34CB56



00D2D0



F784FF



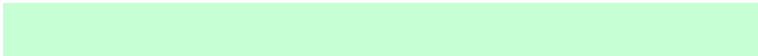
FF6895

Sweetspot

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



34CB56



C7FFD4



AACB34



5E8066



000000



808080

Same Dimension

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



34CB56



1CFF4F



34CBA0



5C665E



00A625



002609

Inverse Universe

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



CB34A9



FF1CCC



CB345F



665C64



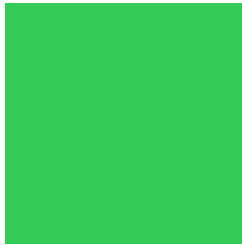
A60080



26001E

Previews

White Background



This preview shows how the Hex color 34CB56 looks on a white background.

Color Contrast Check

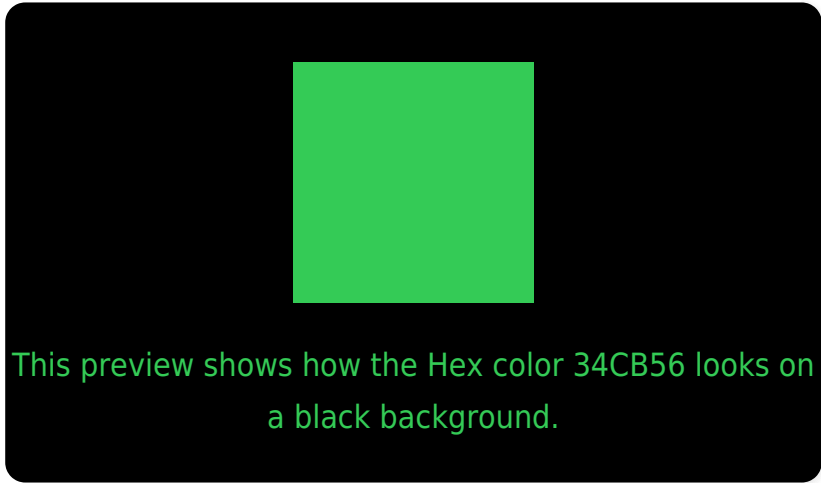
Large Text (above 18pt) WCAG AA × Fail

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 34CB56 Background



This preview shows how black text looks on a background with the Hex color 34CB56.



This preview shows how white text looks on a background with the Hex color 34CB56.

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](#).

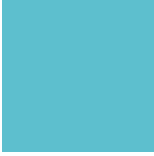
Dichromacy



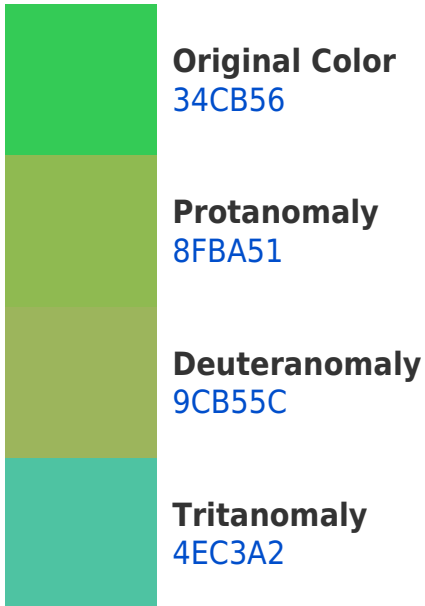
Original Color
34CB56

Protanopia
C3B04E

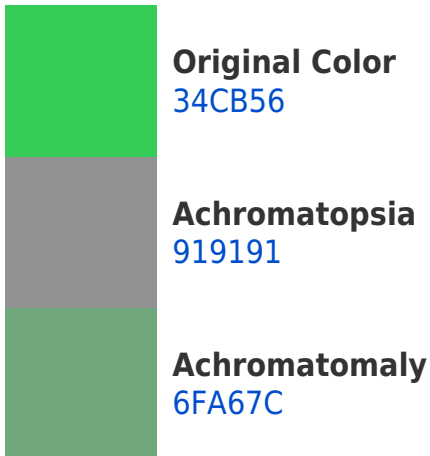
Deuteranopia
D7A860



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34CB56 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 #34CB56 looks like.

```
.text, #text, p{  
    color:#34CB56  
}
```

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 #34CB56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34CB56
}
```

Border

The CSS property to change the border of an element to Hex 34CB56 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
#34CB56 }
```

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

```
.border{ border-color:#34CB56 }
```

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

Here you see how a box with a 4 pixel #34CB56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34CB56; -webkit-box-shadow:4px 4px  
4px 4px #34CB56; box-shadow:4px 4px 4px  
4px #34CB56 }
```

Background

The CSS property to change the background color of an element to Hex 34CB56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34CB56 }
```

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

```
.background{ background-color:#34CB56 }
```

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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