

# Converting Colors

Hex(34C45D)

Have a look what the booklet for  
Hex(34C45D) contains.

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# Color

Hex(34C45D)

# Conversions

## Conversions Part 1

Format	Color
Hex	34C45D
RGB	52, 196, 93
RGB Percent	20%, 77%, 36%
CMY	0.7961, 0.2314, 0.6353
CMYK	0.73, 0.00, 0.53, 0.23
HSL	137°, 58%, 49%
HSV	137°, 73%, 77%
XYZ	23.1319, 41.0002, 17.0506
YIQ	141.2020, -52.7610, -62.5610

# Conversions

## Conversions Part 2

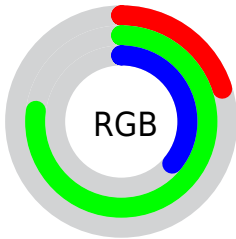
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 164, 196
Decimal	3458141
CIELab	70.18, -59.28, 40.78
CIELCh	70, 71.948, 145.475
Yxy	41.0002, 0.2849, 0.5050
Android (android.graphics.Color)	4281648221 (0xFF34C45D)
YUV	141.2020, -23.7636, -78.2302
Hunter-Lab	64.0314, -47.5704, 29.0340

# Details

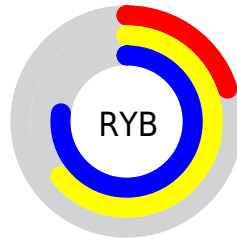
The Hex color **34C45D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C4349B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **77FE91**, and **008D2B** is the 20% darker color. If you saturate the color by 10%, you get **20C44F**, and if you desaturate by 10%, it is **48C46B**.

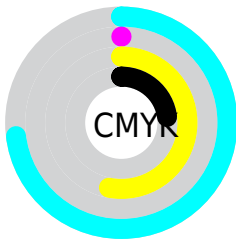
# Distribution



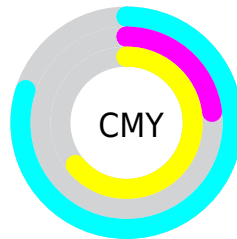
- Red (20%)
- Green (77%)
- Blue (36%)



- Red (20%)
- Yellow (64%)
- Blue (77%)



- Cyan (73%)
- Magenta (0%)
- Yellow (53%)
- Black (23%)



- Cyan (80%)
- Magenta (23%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34C45D 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 34C45D by changing the saturation by 10% instead.



 34C45D

 34C45D

FFFFFF

 00A844

 77FE91

 008D2B

 95FFAD

 00720F

 B3FFC8

 005800

 D1FFE5

 003F00

 EFFFFFFF

 002800

 000100

 000000

 34C45D

 34C45D

 20C44F

 48C46B

 0DC441

 5BC479

 00C438

 6FC487

 82C495

 96C4A3

 AAC4B1

 BDC4BF

 D1C4CD

 E4C4DB

# Harmonies

## Analogous

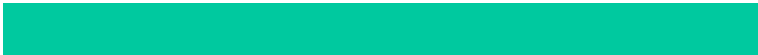
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96B823



34C45D



00C99F

# Triad

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



34C45D



00B6FF



FF7177

# Complementary

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



34C45D



C4349B

# 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.



FF6CB8



34C45D



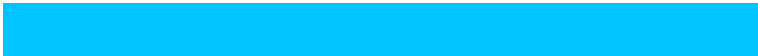
989EFF

# Square

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



34C45D



00C4FF



F181F7



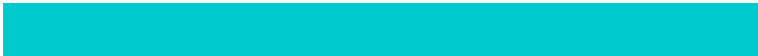
FF8B3E

# Rectangle

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



34C45D



00CACD



F181F7



FF6C8C

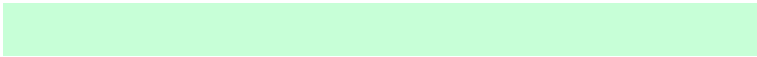


# Sweetspot

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



34C45D



C7FFD7



9BC434



5E8068



000000



808080



# Same Dimension

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



34C45D



1FFF5E



34C4A5



57615A



00A12E



002109



# Inverse Universe

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



C4349B



FF1FBF



C43453



61575E



A10073



210018



# Previews

## White Background



This preview shows how the Hex color 34C45D looks on a white background.

## Color Contrast Check

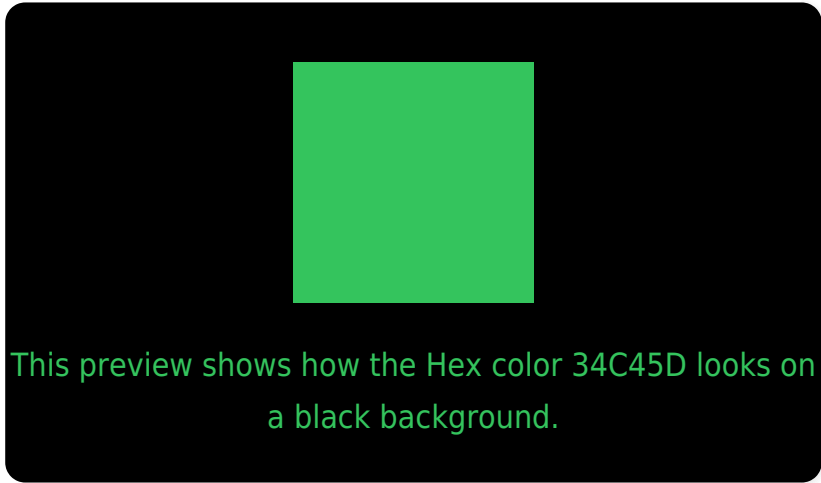
Large Text (above 18pt) WCAG AA × Fail

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

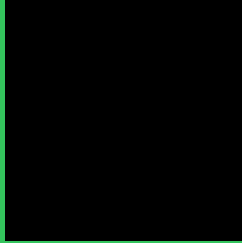
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34C45D Background



This preview shows how black text looks on a background with the Hex color 34C45D.

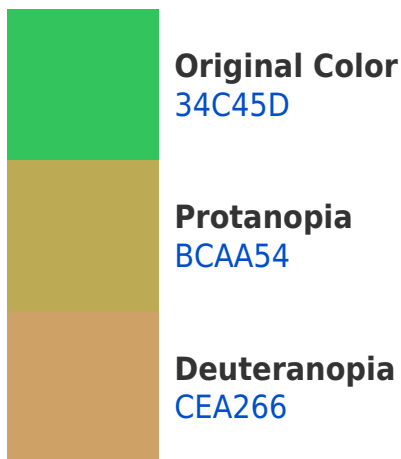


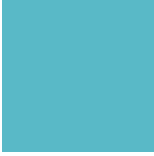
This preview shows how white text looks on a background with the Hex color 34C45D.

# 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](#).

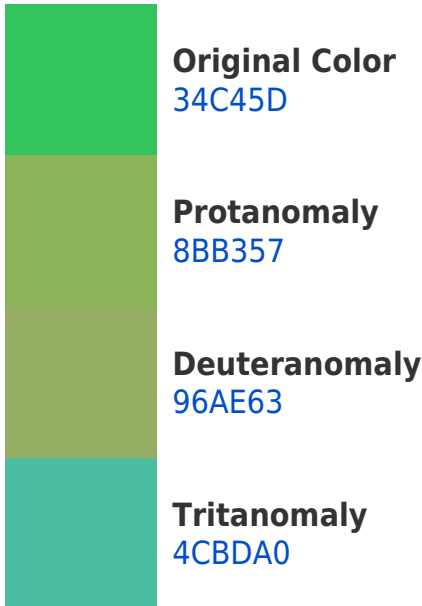
## Dichromacy



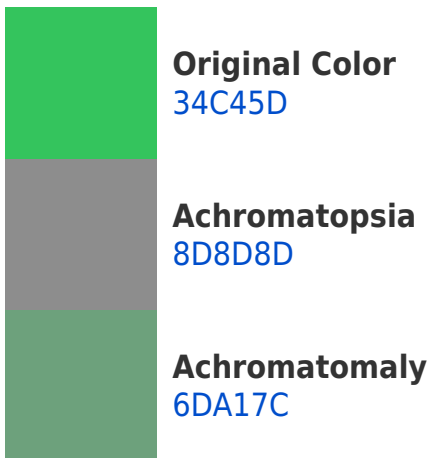


**Tritanopia**  
59B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34C45D 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 #34C45D looks like.

```
.text, #text, p{  
    color:#34C45D  
}
```

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 #34C45D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C45D
}
```

## Border

The CSS property to change the border of an element to Hex 34C45D 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
#34C45D }
```

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

```
.border{ border-color:#34C45D }
```

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

Here you see how a box with a 4 pixel #34C45D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C45D; -webkit-box-shadow:4px 4px  
4px 4px #34C45D; box-shadow:4px 4px 4px  
4px #34C45D }
```

# Background

The CSS property to change the background color of an element to Hex 34C45D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C45D }
```

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

```
.background{ background-color:#34C45D }
```

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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