

Converting Colors

Hex(30D34E)

Have a look what the booklet for
Hex(30D34E) contains.

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Color

Hex(30D34E)

Conversions

Conversions Part 1

Format	Color
Hex	30D34E
RGB	48, 211, 78
RGB Percent	19%, 83%, 31%
CMY	0.8118, 0.1725, 0.6941
CMYK	0.77, 0.00, 0.63, 0.17
HSL	131°, 65%, 51%
HSV	131°, 77%, 83%
XYZ	25.8883, 47.7670, 15.0632
YIQ	147.1010, -54.4550, -75.9190

Conversions

Conversions Part 2

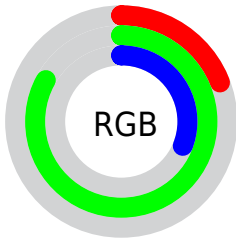
Format	Color
RYB	48, 186, 211
Decimal	3199822
CIELab	74.68, -66.74, 52.90
CIELCh	75, 85.166, 141.599
Yxy	47.7670, 0.2918, 0.5384
Android (android.graphics.Color)	4281389902 (0xFF30D34E)
YUV	147.1010, -34.0668, -86.9116
Hunter-Lab	69.1137, -54.0870, 35.4574

Details

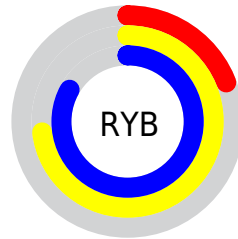
The Hex color **30D34E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D330B5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **78FF84**, and **009B13** is the 20% darker color. If you saturate the color by 10%, you get **1BD33D**, and if you desaturate by 10%, it is **45D35F**.

Distribution



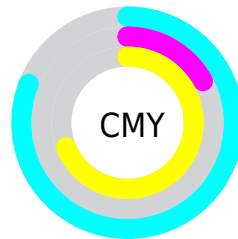
- Red (19%)
- Green (83%)
- Blue (31%)



- Red (19%)
- Yellow (73%)
- Blue (83%)



- Cyan (77%)
- Magenta (0%)
- Yellow (63%)
- Black (17%)



- Cyan (81%)
- Magenta (17%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D34E 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 30D34E by changing the saturation by 10% instead.

 30D34E

 30D34E

FFFFFF

 00B733

 78FF84

 009B13

 98FF9F

 008000

 B7FFBB

 006500

 D5FFD8

 004C00

 F4FFF5

 003400

 001900

 000000

 30D34E

 30D34E

 1BD33D

 45D35F

 06D32C

 5AD370

 00D327

 6FD382

 84D393

 9AD3A4

 AFD3B5

 C4D3C7

 D9D3D8

 EED3E9

Harmonies

Analogous

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



A6C500



30D34E



00DA9E

Triad

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



30D34E



00C8FF



FF6983

Complementary

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



30D34E



D330B5

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.



FF66D1



30D34E



85ADFF

Square

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



30D34E



00D6FF



FF87FF



FF8B3B

Rectangle

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



30D34E



00DBD5



FF87FF



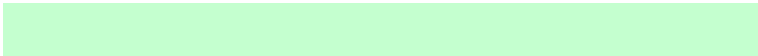
FF639D

Sweetspot

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



30D34E



C4FFCF



B5D330



5C8062



000000



808080

Same Dimension

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



30D34E



12FF3D



30D39F



5E6960



00A81F



002908

Inverse Universe

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



D330B5



FF12D3



D33064



695E67



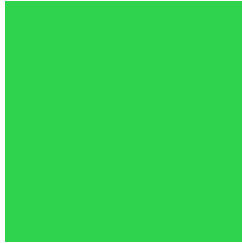
A80089



290021

Previews

White Background



This preview shows how the Hex color 30D34E 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



This preview shows how the Hex color 30D34E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

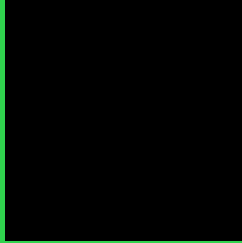
Any Text WCAG AA ✓ Pass

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 30D34E Background



This preview shows how black text looks on a background with the Hex color 30D34E.

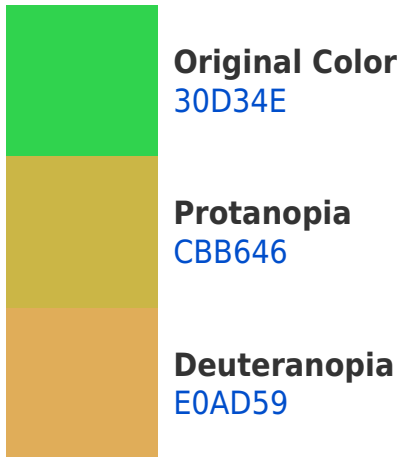


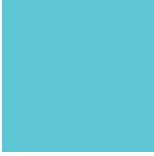
This preview shows how white text looks on a background with the Hex color 30D34E.

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
5FC6D6

Trichromacy



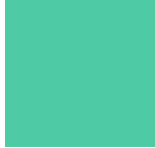
Original Color
30D34E



Protanomaly
93C149



Deuteranomaly
A0BB55



Tritanomaly
4ECBA5

Monochromacy



Original Color
30D34E



Achromatopsia
939393



Achromatomaly
6FAA7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 30D34E 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 #30D34E looks like.

```
.text, #text, p{  
    color:#30D34E  
}
```

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 #30D34E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D34E
}
```

Border

The CSS property to change the border of an element to Hex 30D34E 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
#30D34E }
```

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

```
.border{ border-color:#30D34E }
```

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

Here you see how a box with a 4 pixel #30D34E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D34E; -webkit-box-shadow:4px 4px  
4px 4px #30D34E; box-shadow:4px 4px 4px  
4px #30D34E }
```

Background

The CSS property to change the background color of an element to Hex 30D34E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D34E }
```

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

```
.background{ background-color:#30D34E }
```

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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