

Converting Colors

Hex(34D941)

Have a look what the booklet for
Hex(34D941) contains.

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Color

Hex(34D941)

Conversions

Conversions Part 1

Format	Color
Hex	34D941
RGB	52, 217, 65
RGB Percent	20%, 85%, 25%
CMY	0.7961, 0.1490, 0.7451
CMYK	0.76, 0.00, 0.70, 0.15
HSL	125°, 68%, 53%
HSV	125°, 76%, 85%
XYZ	27.1832, 50.7374, 13.3616
YIQ	150.3370, -49.5480, -82.2520

Conversions

Conversions Part 2

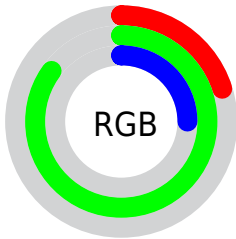
Format	Color
RYB	52, 205, 217
Decimal	3463489
CIELab	76.52, -69.37, 60.13
CIELCh	77, 91.800, 139.080
Yxy	50.7374, 0.2978, 0.5558
Android (android.graphics.Color)	4281653569 (0xFF34D941)
YUV	150.3370, -42.0711, -86.2415
Hunter-Lab	71.2302, -56.5330, 38.7393

Details

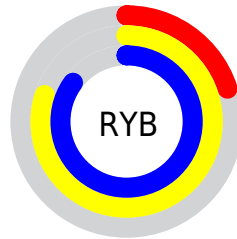
The Hex color **34D941** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **D934CC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7DFF78**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **1ED92D**, and if you desaturate by 10%, it is **4AD955**.

Distribution



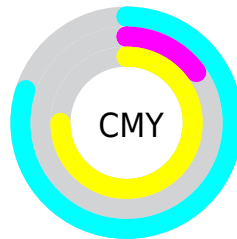
- Red (20%)
- Green (85%)
- Blue (25%)



- Red (20%)
- Yellow (80%)
- Blue (85%)



- Cyan (76%)
- Magenta (0%)
- Yellow (70%)
- Black (15%)



- Cyan (80%)
- Magenta (15%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34D941 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 34D941 by changing the saturation by 10% instead.

 34D941

 34D941

FFFFFF

 00BC22

 7DFF78

 00A000

 9CFF94

 008500

 BBFFB0

 006B00

 DAFFCD

 005100

 F9FFEA

 003900

 001F00

 000000

 34D941

 34D941

 1ED92D

 4AD955

 09D919

 5FD969

 00D911

 75D97D

 8BD991

 A1D9A5

 B6D9B9

 CCD9CD

 E2D9E1

 F7D9F5

Harmonies

Analogous

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



AFC900



34D941



00E19A

Triad

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



34D941



00D0FF



FF618B

Complementary

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



34D941



D934CC

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.



FF62E0



34D941



6CB4FF

Square

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



34D941



00DEFF



FF8AFF



FF873A

Rectangle

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



34D941



00E3D5



FF8AFF



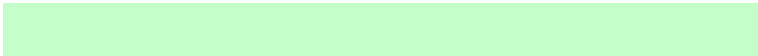
FF5BA7

Sweetspot

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



34D941



C4FFC9



CED934



5C805F



000000



808080

Same Dimension

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



34D941



17FF29



34D991



636E64



00AD0E



002E04

Inverse Universe

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



D934CC



FF17ED



D9347C



6E636D



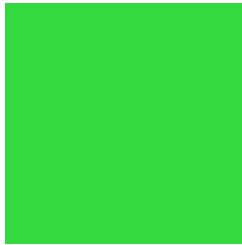
AD00A0



2E002A

Previews

White Background



This preview shows how the Hex color 34D941 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 34D941 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 34D941 Background



This preview shows how black text looks on a background with the Hex color 34D941.

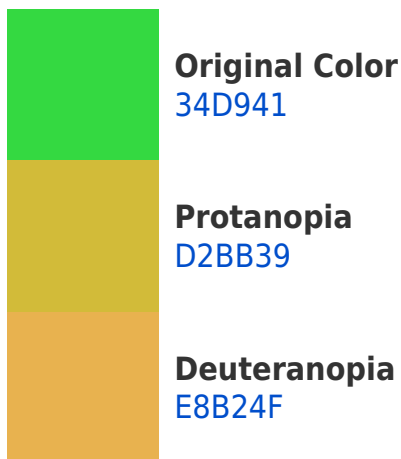


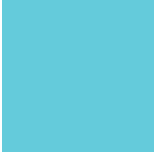
This preview shows how white text looks on a background with the Hex color 34D941.

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
64CBDB

Trichromacy



Original Color
34D941



Protanomaly
99C63C



Deuteranomaly
A7C04A



Tritanomaly
53D0A3

Monochromacy



Original Color
34D941



Achromatopsia
969696



Achromatomaly
72AE77

CSS Examples

Text

The CSS property to change the color of the text to Hex 34D941 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 #34D941 looks like.

```
.text, #text, p{  
    color:#34D941  
}
```

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 #34D941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34D941
}
```

Border

The CSS property to change the border of an element to Hex 34D941 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
#34D941 }
```

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

```
.border{ border-color:#34D941 }
```

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

Here you see how a box with a 4 pixel #34D941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34D941; -webkit-box-shadow:4px 4px  
4px 4px #34D941; box-shadow:4px 4px 4px  
4px #34D941 }
```

Background

The CSS property to change the background color of an element to Hex 34D941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34D941 }
```

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

```
.background{ background-color:#34D941 }
```

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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