

Converting Colors

Hex(33D64C)

Have a look what the booklet for
Hex(33D64C) contains.

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Color

Hex(33D64C)

Conversions

Conversions Part 1

Format	Color
Hex	33D64C
RGB	51, 214, 76
RGB Percent	20%, 84%, 30%
CMY	0.8000, 0.1608, 0.7020
CMYK	0.76, 0.00, 0.64, 0.16
HSL	129°, 67%, 52%
HSV	129°, 76%, 84%
XYZ	26.7163, 49.3187, 14.9489
YIQ	149.5310, -52.8500, -77.4740

Conversions

Conversions Part 2

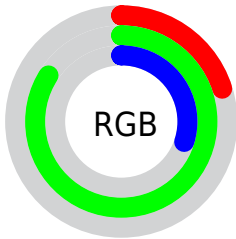
Format	Color
RYB	51, 192, 214
Decimal	3397196
CIELab	75.65, -67.51, 54.84
CIELCh	76, 86.978, 140.913
Yxy	49.3187, 0.2936, 0.5421
Android (android.graphics.Color)	4281587276 (0xFF33D64C)
YUV	149.5310, -36.2508, -86.4117
Hunter-Lab	70.2273, -54.9917, 36.5384

Details

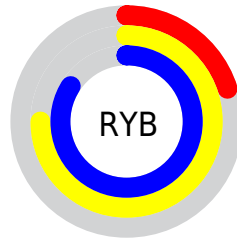
The Hex color **33D64C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D633BD**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7BFF82**, and **009E0E** is the 20% darker color. If you saturate the color by 10%, you get **1ED63A**, and if you desaturate by 10%, it is **48D65E**.

Distribution



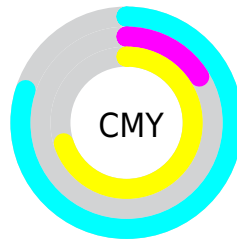
- Red (20%)
- Green (84%)
- Blue (30%)



- Red (20%)
- Yellow (75%)
- Blue (84%)



- Cyan (76%)
- Magenta (0%)
- Yellow (64%)
- Black (16%)



- Cyan (80%)
- Magenta (16%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33D64C 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 33D64C by changing the saturation by 10% instead.

 33D64C

 33D64C

FFFFFF

 00BA30

 7BFF82

 009E0E

 9AFF9E

 008200

 B9FFBA

 006800

 D8FFD6

 004E00

 F7FFF3

 003700

 001C00

 000000

 33D64C

 33D64C

 1ED63A

 48D65E

 08D628

 5ED670

 00D621

 73D682

 89D694

 9ED6A7

 B3D6B9

 C9D6CB

 DED6DD

 F4D6EF

Harmonies

Analogous

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



AAC700



33D64C



00DD9E

Triad

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



33D64C



00CBFF



FF6986

Complementary

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



33D64C



D633BD

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.



FF67D6



33D64C



81B0FF

Square

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



33D64C



00DAFF



FF89FF



FF8B3C

Rectangle

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



33D64C



00DFD7



FF89FF



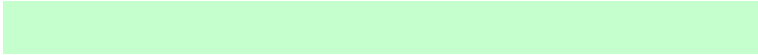
FF63A1

Sweetspot

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



33D64C



C4FFCD



BED633



5C8061



000000



808080

Same Dimension

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



33D64C



17FF3B



33D69D



606B62



00AB1A



002B07

Inverse Universe

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



D633BD



FF17DB



D6336C



6B6069



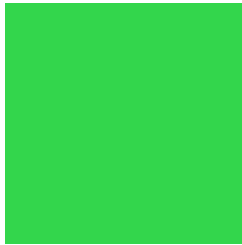
AB0091



2B0025

Previews

White Background



This preview shows how the Hex color 33D64C looks on a white background.

Color Contrast Check

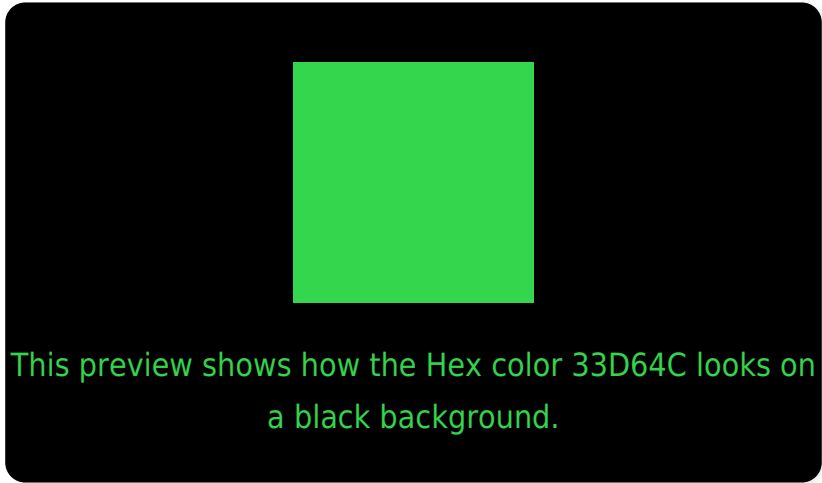
Large Text (above 18pt) WCAG AA × Fail

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

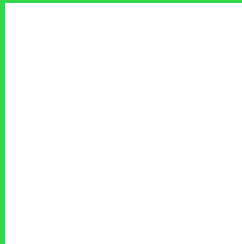
Any Text WCAG AAA ✓ Pass

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

Hex 33D64C Background



This preview shows how black text looks on a background with the Hex color 33D64C.

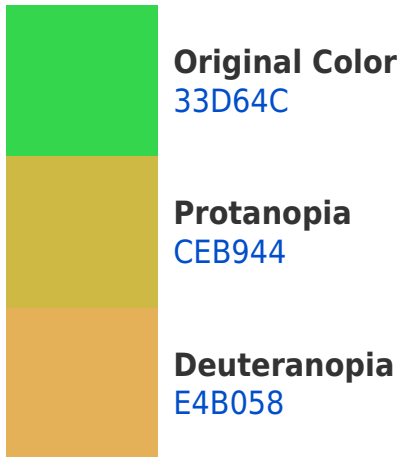


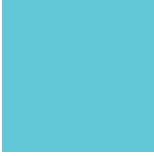
This preview shows how white text looks on a background with the Hex color 33D64C.

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
62C8D8

Trichromacy



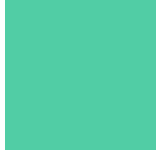
Original Color
33D64C



Protanomaly
96C447



Deuteranomaly
A4BE54



Tritanomaly
51CDA5

Monochromacy



Original Color
33D64C



Achromatopsia
969696



Achromatomaly
72AD7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 33D64C 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 #33D64C looks like.

```
.text, #text, p{  
    color:#33D64C  
}
```

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 #33D64C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33D64C
}
```

Border

The CSS property to change the border of an element to Hex 33D64C 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
#33D64C }
```

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

```
.border{ border-color:#33D64C }
```

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

Here you see how a box with a 4 pixel #33D64C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33D64C; -webkit-box-shadow:4px 4px  
4px 4px #33D64C; box-shadow:4px 4px 4px  
4px #33D64C }
```

Background

The CSS property to change the background color of an element to Hex 33D64C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33D64C }
```

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

```
.background{ background-color:#33D64C }
```

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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