

Converting Colors

Hex(34D62C)

Have a look what the booklet for
Hex(34D62C) contains.

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Color

Hex(34D62C)

Conversions

Conversions Part 1

Format	Color
Hex	34D62C
RGB	52, 214, 44
RGB Percent	20%, 84%, 17%
CMY	0.7961, 0.1608, 0.8275
CMYK	0.76, 0.00, 0.79, 0.16
HSL	117°, 67%, 51%
HSV	117°, 79%, 84%
XYZ	25.9174, 49.0050, 10.4758
YIQ	146.1820, -41.9820, -87.2140

Conversions

Conversions Part 2

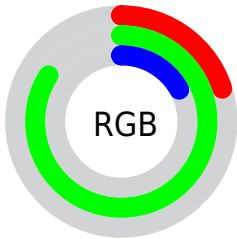
Format	Color
RYB	44, 214, 206
Decimal	3462700
CIELab	75.45, -69.97, 66.04
CIELCh	75, 96.211, 136.657
Yxy	49.0050, 0.3035, 0.5738
Android (android.graphics.Color)	4281652780 (0xFF34D62C)
YUV	146.1820, -50.3757, -82.5976
Hunter-Lab	70.0036, -56.4204, 40.1300

Details

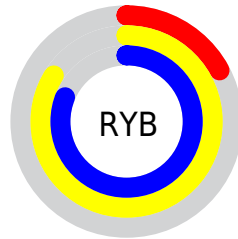
The Hex color **34D62C** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **CE2CD6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7DFF67**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **20D617**, and if you desaturate by 10%, it is **48D641**.

Distribution



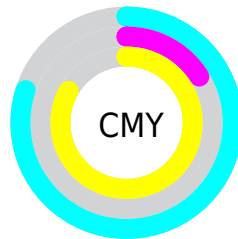
- Red (20%)
- Green (84%)
- Blue (17%)



- Red (17%)
- Yellow (84%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (79%)
- Black (16%)



- Cyan (80%)
- Magenta (16%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34D62C 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 34D62C by changing the saturation by 10% instead.

 34D62C

 34D62C

FFFFFF

 00BA00

 7DFF67

 009E00

 9CFF84

 008200

 BCFFA0

 006800

 DBFFBD

 004E00

 FAFFDA

 003600

 FFFFF7

 001C00

 000000

 34D62C

 34D62C

 20D617

 48D641

 0BD601

 5DD657

 0AD600

 71D66C

 86D682

 9AD697

 AED6AC

 C3D6C2

 D7D6D7

 ECD6ED

Harmonies

Analogous

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



B1C500



34D62C



00DE8E

Triad

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



34D62C



00D0FF



FF528D

Complementary

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



34D62C



CE2CD6

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.



FF58E5



34D62C



36B4FF

Square

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



34D62C



00DDFF



F988FF



FF7D37

Rectangle

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



34D62C



00E1CC



F988FF



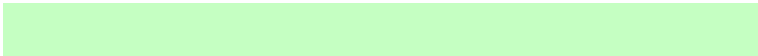
FF4CAA

Sweetspot

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



34D62C



C5FFC2



D6CE2C



5C805B



000000



808080

Same Dimension

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



34D62C



18FF0D



2CD679



616B60



08AB00



022B00

Inverse Universe

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



CE2CD6



F40DFF



D62C89



6B606B



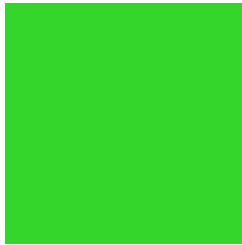
A300AB



29002B

Previews

White Background



This preview shows how the Hex color 34D62C 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 34D62C 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 34D62C Background



This preview shows how black text looks on a background with the Hex color 34D62C.



This preview shows how white text looks on a background with the Hex color 34D62C.

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](#).

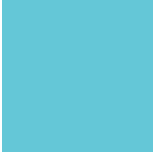
Dichromacy



Original Color
34D62C

Protanopia
CFB924

Deuteranopia
E6AF3E



Tritanopia
64C7D7

Trichromacy



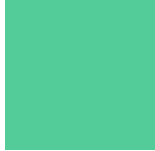
Original Color
34D62C



Protanomaly
97C427



Deuteranomaly
A5BD37



Tritanomaly
53CC99

Monochromacy



Original Color
34D62C



Achromatopsia
929292



Achromatomaly
70AB6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 34D62C 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 #34D62C looks like.

```
.text, #text, p{  
    color:#34D62C  
}
```

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 #34D62C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34D62C
}
```

Border

The CSS property to change the border of an element to Hex 34D62C 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".

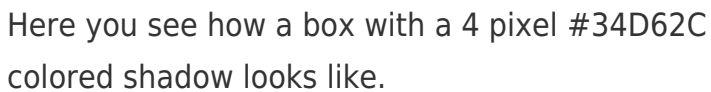
```
.border, #border, table{ border:4px solid
#34D62C }
```

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

```
.border{ border-color:#34D62C }
```

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

Here you see how a box with a 4 pixel #34D62C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel wide, 4-pixel high, 4-pixel offset box shadow in the color #34D62C.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34D62C; -webkit-box-shadow:4px 4px  
4px 4px #34D62C; box-shadow:4px 4px 4px  
4px #34D62C }
```

Background

The CSS property to change the background color of an element to Hex 34D62C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34D62C }
```

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

```
.background{ background-color:#34D62C }
```

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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