

Converting Colors

Hex(34B62C)

Have a look what the booklet for
Hex(34B62C) contains.

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Color

Hex(34B62C)

Conversions

Conversions Part 1

Format	Color
Hex	34B62C
RGB	52, 182, 44
RGB Percent	20%, 71%, 17%
CMY	0.7961, 0.2863, 0.8275
CMYK	0.71, 0.00, 0.76, 0.29
HSL	117°, 61%, 44%
HSV	117°, 76%, 71%
XYZ	18.5987, 34.3678, 8.0363
YIQ	127.3980, -33.1820, -70.4780

Conversions

Conversions Part 2

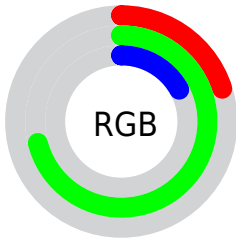
Format	Color
RYB	44, 182, 174
Decimal	3454508
CIELab	65.25, -59.95, 56.20
CIELCh	65, 82.172, 136.850
Yxy	34.3678, 0.3049, 0.5634
Android (android.graphics.Color)	4281644588 (0xFF34B62C)
YUV	127.3980, -41.1152, -66.1240
Hunter-Lab	58.6241, -45.9622, 32.9093

Details

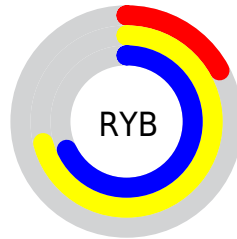
The Hex color **34B62C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AE2CB6**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **76EF63**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **23B61A**, and if you desaturate by 10%, it is **45B63E**.

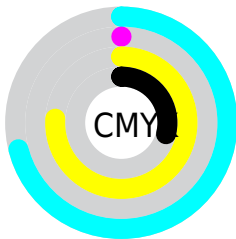
Distribution



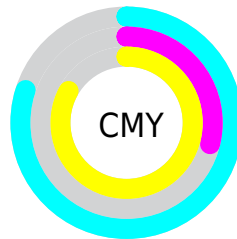
- Red (20%)
- Green (71%)
- Blue (17%)



- Red (17%)
- Yellow (71%)
- Blue (68%)



- Cyan (71%)
- Magenta (0%)
- Yellow (76%)
- Black (29%)



- Cyan (80%)
- Magenta (29%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B62C 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 34B62C by changing the saturation by 10% instead.

 34B62C

 34B62C


FFFFFF

 009A06

 76EF63

 008000

 94FF7E

 006500

 B2FF9A

 004C00

 D0FFB6

 003500

 EEFFD2

 001B00

 FFFFF0

 000000

 34B62C

 34B62C

 23B61A

 45B63E

 12B608

 56B650

 0BB600

 67B663

 79B675

 8AB687

 9BB699

 ACB6AB

 BDB6BE

 CEB6D0

Harmonies

Analogous

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



98A800



34B62C



00BD7A

Triad

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



34B62C



00B0FF



FF4C78

Complementary

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



34B62C



AE2CB6

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.



FF50C2



34B62C



4099FF

Square

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



34B62C



00BCFF



D475FF



FF6D32

Rectangle

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



34B62C



00BFAE



D475FF



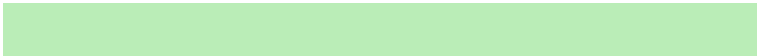
FF4891

Sweetspot

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



34B62C



BAEDB7



B6AD2C



587856



F7F7F7



787878

Same Dimension

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



34B62C



22ED15



2CB668



535C53



099C00



021C00

Inverse Universe

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



AE2CB6



E115ED



B62C7A



5B535C



93009C



1A001C

Previews

White Background



This preview shows how the Hex color 34B62C looks on a white background.

Color Contrast Check

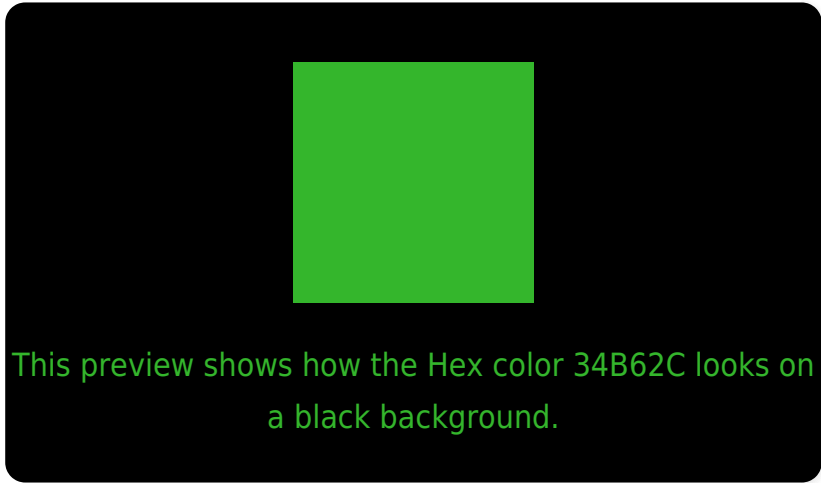
Large Text (above 18pt) WCAG AA × Fail

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 34B62C Background



This preview shows how black text looks on a background with the Hex color 34B62C.

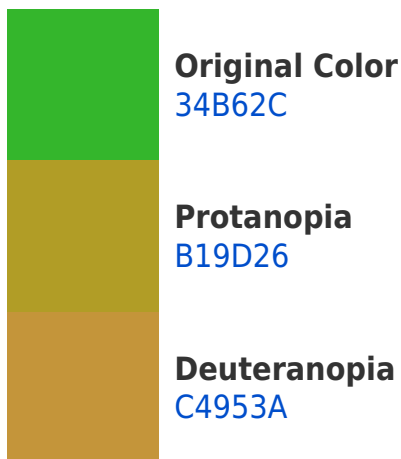


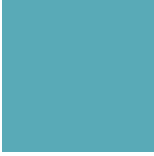
This preview shows how white text looks on a background with the Hex color 34B62C.

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
59AAB7

Trichromacy



Original Color
34B62C



Protanomaly
84A628



Deuteranomaly
90A135



Tritanomaly
4CAE84

Monochromacy



Original Color
34B62C



Achromatopsia
7F7F7F



Achromatomaly
649361

CSS Examples

Text

The CSS property to change the color of the text to Hex 34B62C 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 #34B62C looks like.

```
.text, #text, p{  
    color:#34B62C  
}
```

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 #34B62C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B62C
}
```

Border

The CSS property to change the border of an element to Hex 34B62C 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
#34B62C }
```

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

```
.border{ border-color:#34B62C }
```

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

Here you see how a box with a 4 pixel #34B62C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B62C; -webkit-box-shadow:4px 4px  
4px 4px #34B62C; box-shadow:4px 4px 4px  
4px #34B62C }
```

Background

The CSS property to change the background color of an element to Hex 34B62C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B62C }
```

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

```
.background{ background-color:#34B62C }
```

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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