

Converting Colors

Hex(2BD62B)

Have a look what the booklet for
Hex(2BD62B) contains.

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Color

Hex(2BD62B)

Conversions

Conversions Part 1

Format	Color
Hex	2BD62B
RGB	43, 214, 43
RGB Percent	17%, 84%, 17%
CMY	0.8314, 0.1608, 0.8314
CMYK	0.80, 0.00, 0.80, 0.16
HSL	120°, 68%, 50%
HSV	120°, 80%, 84%
XYZ	25.4789, 48.7811, 10.3583
YIQ	143.3770, -47.0250, -89.4330

Conversions

Conversions Part 2

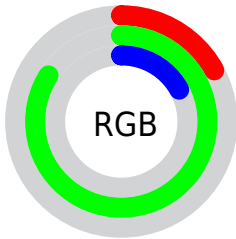
Format	Color
RYB	43, 214, 214
Decimal	2872875
CIELab	75.31, -71.21, 66.14
CIELCh	75, 97.185, 137.113
Yxy	48.7811, 0.3011, 0.5765
Android (android.graphics.Color)	4281062955 (0xFF2BD62B)
YUV	143.3770, -49.4859, -88.0306
Hunter-Lab	69.8435, -57.1094, 40.0973

Details

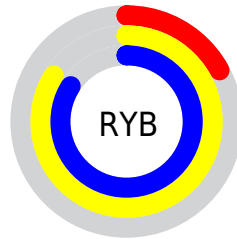
The Hex color **2BD62B** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D62BD6**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **78FF67**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **16D616**, and if you desaturate by 10%, it is **40D640**.

Distribution



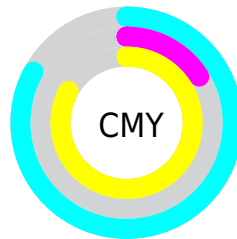
- Red (17%)
- Green (84%)
- Blue (17%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD62B 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 2BD62B by changing the saturation by 10% instead.

 2BD62B

 2BD62B

FFFFFF

 00B900

 78FF67

 009E00

 98FF83

 008200

 B7FF9F

 006800

 D7FFBC

 004E00

 F6FFD9

 003600

 FFFFF6

 001B00

 000000

 2BD62B

 2BD62B

 16D616

 40D640

 00D600

 56D656

 6BD66B

 81D681

 96D696

 ABD6AB

 C1D6C1

 D6D6D6

 ECD6EC

Harmonies

Analogous

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



AFC500



2BD62B



00DE8E

Triad

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



2BD62B



00CFFF



FF4F8B

Complementary

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



2BD62B



D62BD6

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.



FF54E4



2BD62B



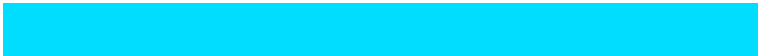
38B3FF

Square

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



2BD62B



00DDFF



FB86FF



FF7C34

Rectangle

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



2BD62B



00E1CD



FB86FF



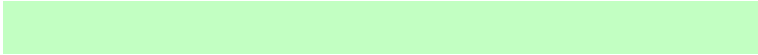
FF48A8

Sweetspot

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



2BD62B



C2FFC2



D6D62B



5B805B



000000



808080

Same Dimension

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



2BD62B



0AFF0A



2BD681



606B60



00AB00



002B00

Inverse Universe

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



D62BD6



FF0AFF



D62B81



6B606B



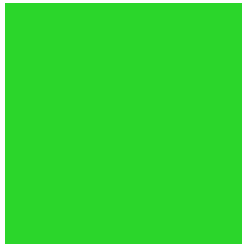
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 2BD62B looks on a white background.

Color Contrast Check

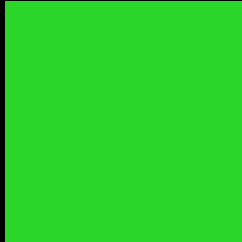
Large Text (above 18pt) WCAG AA × Fail

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 2BD62B 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 2BD62B Background



This preview shows how black text looks on a background with the Hex color 2BD62B.

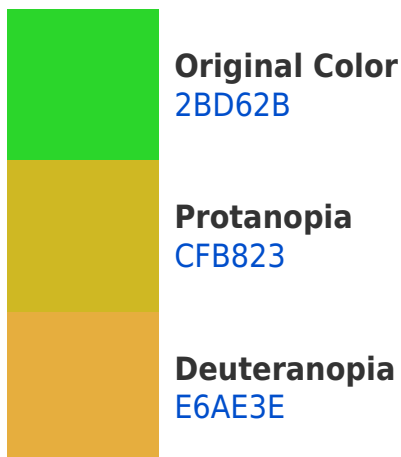


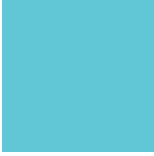
This preview shows how white text looks on a background with the Hex color 2BD62B.

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
61C7D7

Trichromacy



Original Color
2BD62B



Protanomaly
93C326



Deuteranomaly
A2BD37



Tritanomaly
4DCC98

Monochromacy



Original Color
2BD62B



Achromatopsia
8F8F8F



Achromatomaly
6BA96B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD62B 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 #2BD62B looks like.

```
.text, #text, p{  
    color:#2BD62B  
}
```

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 #2BD62B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD62B
}
```

Border

The CSS property to change the border of an element to Hex 2BD62B 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
#2BD62B }
```

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

```
.border{ border-color:#2BD62B }
```

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

Here you see how a box with a 4 pixel #2BD62B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD62B; -webkit-box-shadow:4px 4px  
4px 4px #2BD62B; box-shadow:4px 4px 4px  
4px #2BD62B }
```

Background

The CSS property to change the background color of an element to Hex 2BD62B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD62B }
```

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

```
.background{ background-color:#2BD62B }
```

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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