

Converting Colors

Hex(2BD60E)

Have a look what the booklet for
Hex(2BD60E) contains.

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Color

Hex(2BD60E)

Conversions

Conversions Part 1

Format	Color
Hex	2BD60E
RGB	43, 214, 14
RGB Percent	17%, 84%, 5%
CMY	0.8314, 0.1608, 0.9451
CMYK	0.80, 0.00, 0.93, 0.16
HSL	111°, 88%, 45%
HSV	111°, 93%, 84%
XYZ	25.1221, 48.6384, 8.4796
YIQ	140.0710, -37.7160, -98.4520

Conversions

Conversions Part 2

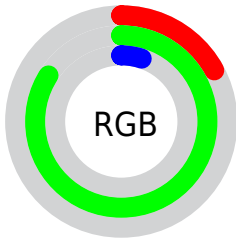
Format	Color
RYB	14, 214, 185
Decimal	2872846
CIELab	75.23, -72.33, 71.88
CIELCh	75, 101.974, 135.182
Yxy	48.6384, 0.3055, 0.5914
Android (android.graphics.Color)	4281062926 (0xFF2BD60E)
YUV	140.0710, -62.1530, -85.1313
Hunter-Lab	69.7413, -57.7482, 41.6101

Details

The Hex color **2BD60E** 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 **B90ED6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **79FF58**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **1FD600**, and if you desaturate by 10%, it is **3DD623**.

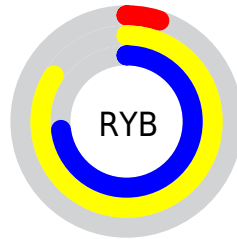
Distribution



Red (17%)

Green (84%)

Blue (5%)



Red (5%)

Yellow (84%)

Blue (73%)

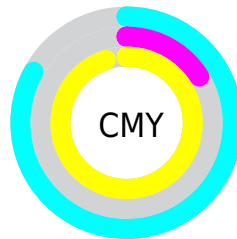


Cyan (80%)

Magenta (0%)

Yellow (93%)

Black (16%)



Cyan (83%)

Magenta (16%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD60E 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 2BD60E by changing the saturation by 10% instead.

 2BD60E

 2BD60E


FFFFFF

 00B900


 79FF58

 009E00

 99FF75

 008200

 B9FF91

 006800

 D8FFAE


 004E00

 F7FFCB

 003600

 FFFFE9

 001B00

 000000

 2BD60E

 2BD60E

 1FD600

 3DD623

 50D639

 62D64E

 74D664

 86D679

 99D68E

 ABD6A4

 BDD6B9

 D0D6CF

Harmonies

Analogous

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



B3C400



2BD60E



00DF86

Triad

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



2BD60E



00D2FF



FF3F8E

Complementary

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



2BD60E



B90ED6

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.



FF4BEC



2BD60E



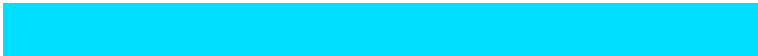
00B5FF

Square

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



2BD60E



00DFFF



F686FF



FF7432

Rectangle

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



2BD60E



00E1C8



F686FF



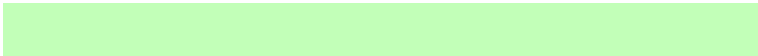
FF37AD

Sweetspot

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



2BD60E



C2FFB8



D6B80E



5A8054



000000



808080

Same Dimension

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



2BD60E



25FF00



0ED654



626B60



19AB00



062B00

Inverse Universe

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



B90ED6



DA00FF



D60E90



6A606B



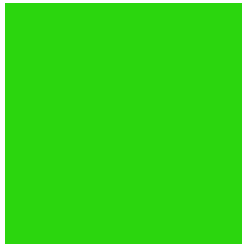
9200AB



25002B

Previews

White Background



This preview shows how the Hex color 2BD60E looks on a white background.

Color Contrast Check

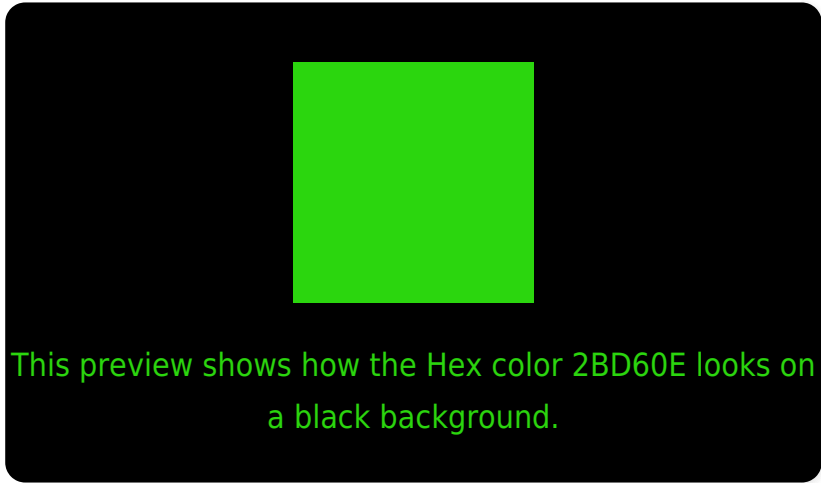
Large Text (above 18pt) WCAG AA × Fail

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

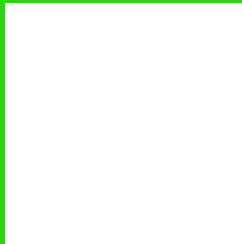
Any Text WCAG AAA ✓ Pass

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

Hex 2BD60E Background



This preview shows how black text looks on a background with the Hex color 2BD60E.

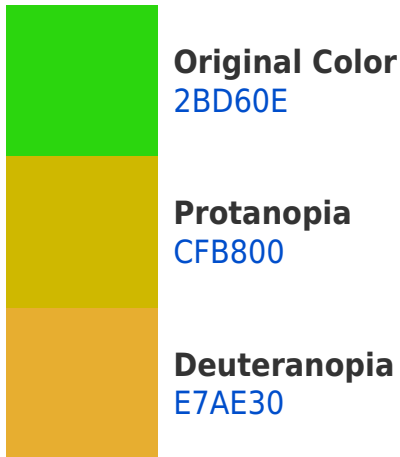


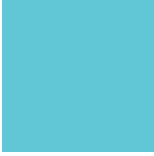
This preview shows how white text looks on a background with the Hex color 2BD60E.

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](#).

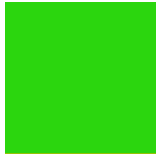
Dichromacy





Tritanopia
61C7D7

Trichromacy



Original Color
2BD60E



Protanomaly
93C305

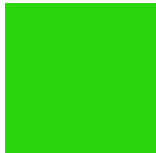


Deuteranomaly
A3BD24



Tritanomaly
4DCC8E

Monochromacy



Original Color
2BD60E



Achromatopsia
8C8C8C



Achromatomaly
69A75E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD60E 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 #2BD60E looks like.

```
.text, #text, p{  
    color:#2BD60E  
}
```

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 #2BD60E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD60E
}
```

Border

The CSS property to change the border of an element to Hex 2BD60E 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
#2BD60E }
```

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

```
.border{ border-color:#2BD60E }
```

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

Here you see how a box with a 4 pixel #2BD60E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD60E; -webkit-box-shadow:4px 4px  
4px 4px #2BD60E; box-shadow:4px 4px 4px  
4px #2BD60E }
```

Background

The CSS property to change the background color of an element to Hex 2BD60E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD60E }
```

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

```
.background{ background-color:#2BD60E }
```

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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