

Converting Colors

Hex(2DB81E)

Have a look what the booklet for
Hex(2DB81E) contains.

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Color

Hex(2DB81E)

Conversions

Conversions Part 1

Format	Color
Hex	2DB81E
RGB	45, 184, 30
RGB Percent	18%, 72%, 12%
CMY	0.8235, 0.2784, 0.8824
CMYK	0.76, 0.00, 0.84, 0.28
HSL	114°, 72%, 42%
HSV	114°, 84%, 72%
XYZ	18.4570, 34.9326, 6.9982
YIQ	124.8830, -33.4100, -77.3620

Conversions

Conversions Part 2

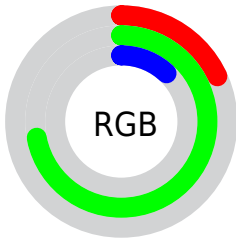
Format	Color
RYB	30, 184, 169
Decimal	2996254
CIELab	65.70, -62.60, 60.74
CIELCh	66, 87.224, 135.862
Yxy	34.9326, 0.3056, 0.5785
Android (android.graphics.Color)	4281186334 (0xFF2DB81E)
YUV	124.8830, -46.7773, -70.0574
Hunter-Lab	59.1038, -47.6894, 34.3524

Details

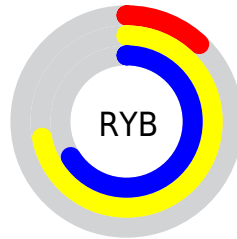
The Hex color **2DB81E** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A91EB8**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **72F15A**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **1CB80C**, and if you desaturate by 10%, it is **3EB830**.

Distribution



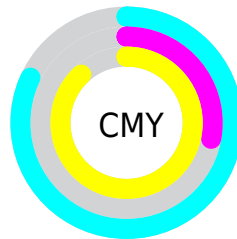
- Red (18%)
- Green (72%)
- Blue (12%)



- Red (12%)
- Yellow (72%)
- Blue (66%)



- Cyan (76%)
- Magenta (0%)
- Yellow (84%)
- Black (28%)



- Cyan (82%)
- Magenta (28%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DB81E 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 2DB81E by changing the saturation by 10% instead.

 2DB81E

 2DB81E


FFFFFF

 009C00

 72F15A

 008100

 91FF75

 006700

 AFFF91

 004E00

 CDFFAD

 003600

 ECFECA

 001C00

 FFFFE7

 000000

 2DB81E

 2DB81E

 1CB80C

 3EB830

 12B800

 4EB843

 5FB855

 6FB868

 80B87A

 91B88C

 A1B89F

 B2B8B1

 C2B8C4

Harmonies

Analogous

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



9AA900



2DB81E



00BF76

Triad

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



2DB81E



00B3FF



FF417A

Complementary

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



2DB81E



A91EB8

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.



FF48C8



2DB81E



079BFF

Square

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



2DB81E



00BFFF



D574FF



FF682E

Rectangle

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



2DB81E



00C2AD



D574FF



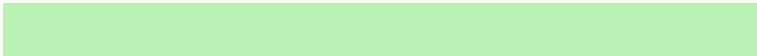
FF3C94

Sweetspot

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



2DB81E



BAF0B4



B8A91E



577854



F7F7F7



787878

Same Dimension

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



2DB81E



17F000



1EB85C



545C53



0F9C00



031C00

Inverse Universe

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



A91EB8



D800F0



B81E7A



5B535C



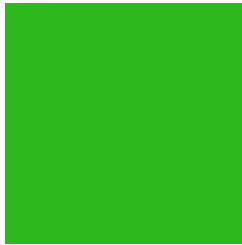
8C009C



19001C

Previews

White Background



This preview shows how the Hex color 2DB81E looks on a white background.

Color Contrast Check

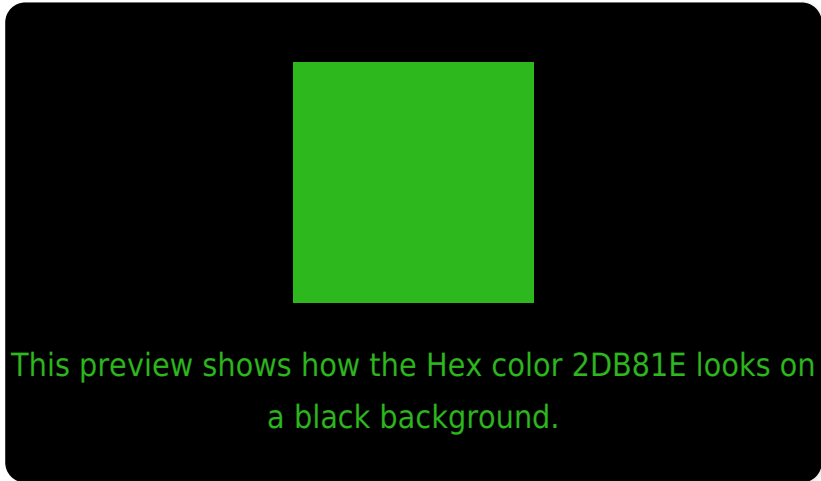
Large Text (above 18pt) WCAG AA × Fail

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 2DB81E Background



This preview shows how black text looks on a background with the Hex color 2DB81E.

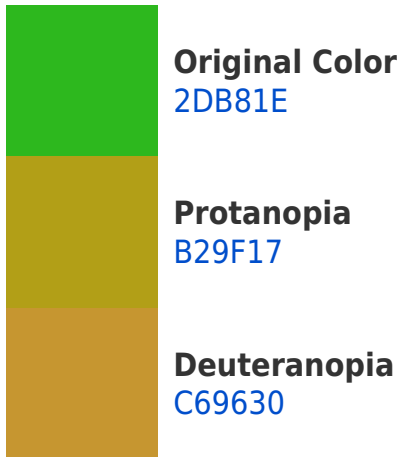


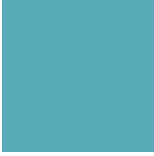
This preview shows how white text looks on a background with the Hex color 2DB81E.

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
57ABB9

Trichromacy



Original Color
2DB81E



Protanomaly
82A81A



Deuteranomaly
8EA229



Tritanomaly
48B081

Monochromacy



Original Color
2DB81E



Achromatopsia
7D7D7D



Achromatomaly
60925A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DB81E 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 #2DB81E looks like.

```
.text, #text, p{  
    color:#2DB81E  
}
```

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 #2DB81E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DB81E
}
```

Border

The CSS property to change the border of an element to Hex 2DB81E 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
#2DB81E }
```

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

```
.border{ border-color:#2DB81E }
```

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

Here you see how a box with a 4 pixel #2DB81E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DB81E; -webkit-box-shadow:4px 4px  
4px 4px #2DB81E; box-shadow:4px 4px 4px  
4px #2DB81E }
```

Background

The CSS property to change the background color of an element to Hex 2DB81E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DB81E }
```

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

```
.background{ background-color:#2DB81E }
```

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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