

Converting Colors

Hex(2DD246)

Have a look what the booklet for
Hex(2DD246) contains.

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Color

Hex(2DD246)

Conversions

Conversions Part 1

Format	Color
Hex	2DD246
RGB	45, 210, 70
RGB Percent	18%, 82%, 27%
CMY	0.8235, 0.1765, 0.7255
CMYK	0.79, 0.00, 0.67, 0.18
HSL	129°, 65%, 50%
HSV	129°, 79%, 82%
XYZ	25.2343, 47.0933, 13.5543
YIQ	144.7050, -53.4000, -78.5200

Conversions

Conversions Part 2

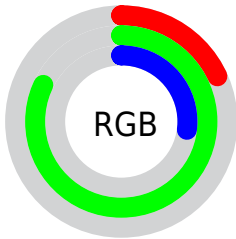
Format	Color
RYB	45, 188, 210
Decimal	3002950
CIELab	74.25, -67.65, 55.74
CIELCh	74, 87.655, 140.513
Yxy	47.0933, 0.2938, 0.5483
Android (android.graphics.Color)	4281193030 (0xFF2DD246)
YUV	144.7050, -36.8296, -87.4413
Hunter-Lab	68.6245, -54.4558, 36.3266

Details

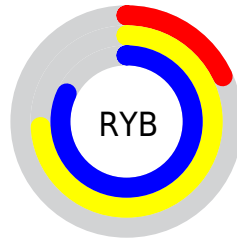
The Hex color **2DD246** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **D22DB9**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **77FF7C**, and **009A01** is the 20% darker color. If you saturate the color by 10%, you get **18D234**, and if you desaturate by 10%, it is **42D258**.

Distribution



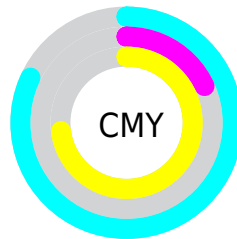
- Red (18%)
- Green (82%)
- Blue (27%)



- Red (18%)
- Yellow (74%)
- Blue (82%)



- Cyan (79%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DD246 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 2DD246 by changing the saturation by 10% instead.

 2DD246

 2DD246

FFFFFF

 00B62A

 77FF7C

 009A01

 96FF98

 007F00

 B5FFB4

 006400

 D4FFD0

 004B00

 F3FFED

 003300

 001700

 000000

 2DD246

 2DD246

■ 18D234

■ 42D258

■ 03D222

■ 57D26A

■ 00D220

■ 6CD27B

■ 81D28D

■ 96D29F

■ ABD2B1

■ C0D2C3

■ D5D2D5

■ EAD2E6

Harmonies

Analogous

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



A6C300



2DD246



00D999

Triad

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



2DD246



00C8FF



FF6383

Complementary

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



2DD246



D22DB9

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.



FF61D4



2DD246



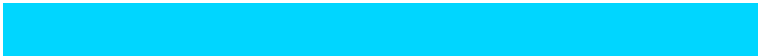
78ACFF

Square

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



2DD246



00D6FF



FD85FF



FF8638

Rectangle

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



2DD246



00DBD2



FD85FF



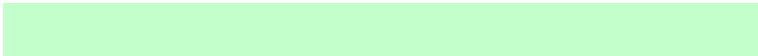
FF5C9E

Sweetspot

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



2DD246



C2FFCB



B9D22D



5B8060



000000



808080

Same Dimension

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



2DD246



0FFF34



2DD298



5E6960



00A81A



002906

Inverse Universe

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



D22DB9



FF0FDB



D22D67



695E67



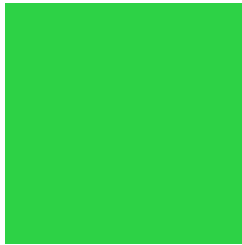
A8008F



290023

Previews

White Background



This preview shows how the Hex color 2DD246 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 2DD246 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 2DD246 Background



This preview shows how black text looks on a background with the Hex color 2DD246.

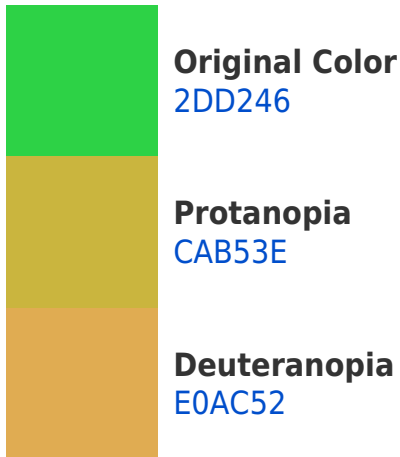


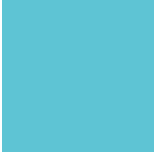
This preview shows how white text looks on a background with the Hex color 2DD246.

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
5EC4D4

Trichromacy



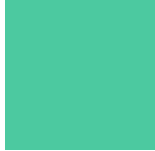
Original Color
2DD246



Protanomaly
91C041



Deuteranomaly
9FBA4E



Tritanomaly
4CC9A0

Monochromacy



Original Color
2DD246



Achromatopsia
919191



Achromatomaly
6DA976

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DD246 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 #2DD246 looks like.

```
.text, #text, p{  
    color:#2DD246  
}
```

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 #2DD246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DD246
}
```

Border

The CSS property to change the border of an element to Hex 2DD246 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
#2DD246 }
```

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

```
.border{ border-color:#2DD246 }
```

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

Here you see how a box with a 4 pixel #2DD246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DD246; -webkit-box-shadow:4px 4px  
4px 4px #2DD246; box-shadow:4px 4px 4px  
4px #2DD246 }
```

Background

The CSS property to change the background color of an element to Hex 2DD246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DD246 }
```

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

```
.background{ background-color:#2DD246 }
```

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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