

Converting Colors

Hex(2DD54E)

Have a look what the booklet for
Hex(2DD54E) contains.

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Color

Hex(2DD54E)

Conversions

Conversions Part 1

Format	Color
Hex	2DD54E
RGB	45, 213, 78
RGB Percent	18%, 84%, 31%
CMY	0.8235, 0.1647, 0.6941
CMYK	0.79, 0.00, 0.63, 0.16
HSL	132°, 67%, 51%
HSV	132°, 79%, 84%
XYZ	26.2516, 48.6964, 15.2235
YIQ	147.3780, -56.7930, -77.6010

Conversions

Conversions Part 2

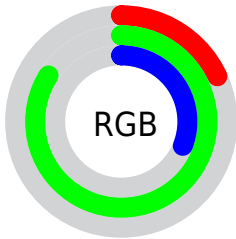
Format	Color
RYB	45, 185, 213
Decimal	3003726
CIELab	75.26, -67.75, 53.54
CIELCh	75, 86.356, 141.681
Yxy	48.6964, 0.2911, 0.5400
Android (android.graphics.Color)	4281193806 (0xFF2DD54E)
YUV	147.3780, -34.2034, -89.7855
Hunter-Lab	69.7828, -54.9701, 35.9136

Details

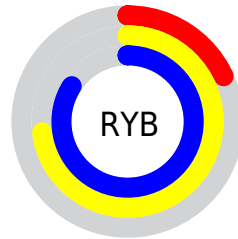
The Hex color **2DD54E** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **D52DB4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **77FF84**, and **009D13** is the 20% darker color. If you saturate the color by 10%, you get **18D53D**, and if you desaturate by 10%, it is **42D55F**.

Distribution



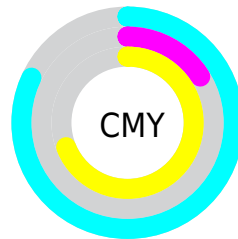
- Red (18%)
- Green (84%)
- Blue (31%)



- Red (18%)
- Yellow (73%)
- Blue (84%)



- Cyan (79%)
- Magenta (0%)
- Yellow (63%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DD54E 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 2DD54E by changing the saturation by 10% instead.

 2DD54E

 2DD54E

FFFFFF

 00B933

 77FF84

 009D13

 97FF9F

 008100

 B6FFBB

 006700

 D5FFD8

 004D00

 F4FFF5

 003600

 001B00

 000000

 2DD54E

 2DD54E

 18D53D

 42D55F

 02D52C

 58D570

 00D52A

 6DD581

 82D592

 98D5A4

 ADD5B5

 C2D5C6

 D7D5D7

 EDD5E8

Harmonies

Analogous

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



A7C700



2DD54E



00DCA0

Triad

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



2DD54E



00C9FF



FF6984

Complementary

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



2DD54E



D52DB4

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.



FF66D3



2DD54E



85AEFF

Square

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



2DD54E



00D8FF



FF87FF



FF8B3A

Rectangle

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



2DD54E



00DDD7



FF87FF



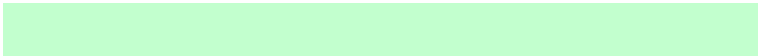
FF639E

Sweetspot

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



2DD54E



C2FFCE



B6D52D



5B8062



000000



808080

Same Dimension

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



2DD54E



0DFF3C



2DD5A0



606B62



00AB22



002B09

Inverse Universe

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



D52DB4



FF0DCF



D52D62



6B6069



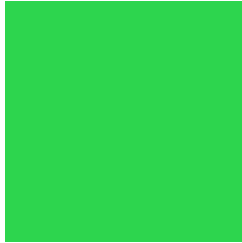
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 2DD54E 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 2DD54E 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 2DD54E Background



This preview shows how black text looks on a background with the Hex color 2DD54E.

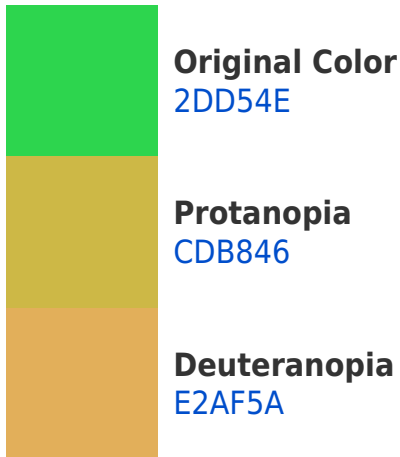


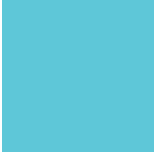
This preview shows how white text looks on a background with the Hex color 2DD54E.

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
5EC7D8

Trichromacy



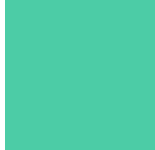
Original Color
2DD54E



Protanomaly
93C349



Deuteranomaly
A0BD56



Tritanomaly
4CCCA6

Monochromacy



Original Color
2DD54E



Achromatopsia
939393



Achromatomaly
6EAB7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DD54E 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 #2DD54E looks like.

```
.text, #text, p{  
    color:#2DD54E  
}
```

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 #2DD54E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DD54E
}
```

Border

The CSS property to change the border of an element to Hex 2DD54E 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
#2DD54E }
```

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

```
.border{ border-color:#2DD54E }
```

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

Here you see how a box with a 4 pixel #2DD54E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DD54E; -webkit-box-shadow:4px 4px  
4px 4px #2DD54E; box-shadow:4px 4px 4px  
4px #2DD54E }
```

Background

The CSS property to change the background color of an element to Hex 2DD54E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DD54E }
```

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

```
.background{ background-color:#2DD54E }
```

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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