

Converting Colors

Hex(13DE4C)

Have a look what the booklet for
Hex(13DE4C) contains.

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Color

Hex(13DE4C)

Conversions

Conversions Part 1

Format	Color
Hex	13DE4C
RGB	19, 222, 76
RGB Percent	7%, 87%, 30%
CMY	0.9255, 0.1294, 0.7020
CMYK	0.91, 0.00, 0.66, 0.13
HSL	137°, 84%, 47%
HSV	137°, 91%, 87%
XYZ	27.6943, 52.9028, 15.5891
YIQ	144.6590, -74.1220, -88.4420

Conversions

Conversions Part 2

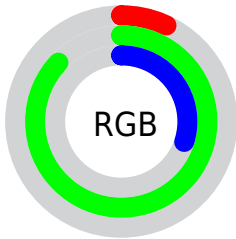
Format	Color
RYB	19, 177, 222
Decimal	1302092
CIELab	77.82, -72.91, 57.13
CIELCh	78, 92.623, 141.920
Yxy	52.9028, 0.2879, 0.5500
Android (android.graphics.Color)	4279492172 (0xFF13DE4C)
YUV	144.6590, -33.8489, -110.2029
Hunter-Lab	72.7343, -59.3193, 38.2064

Details

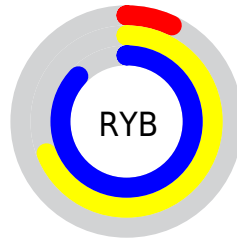
The Hex color **13DE4C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DE13A5**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70FF83**, and **00A50B** is the 20% darker color. If you saturate the color by 10%, you get **00DE3E**, and if you desaturate by 10%, it is **29DE5C**.

Distribution



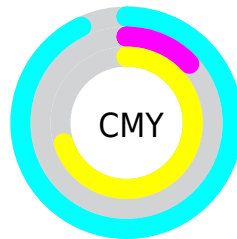
- Red (7%)
- Green (87%)
- Blue (30%)



- Red (7%)
- Yellow (69%)
- Blue (87%)



- Cyan (91%)
- Magenta (0%)
- Yellow (66%)
- Black (13%)



- Cyan (93%)
- Magenta (13%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13DE4C 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 13DE4C by changing the saturation by 10% instead.

 13DE4C

 13DE4C

FFFFFF

 00C130


 70FF83

 00A50B

 91FF9E

 008A00

 B1FFBA

 006F00

 D0FFD7

 005400


 F0FFF4

 003C00

 002200

 000000

 13DE4C

 13DE4C

 00DE3E

 29DE5C

 3FDE6C

 56DE7C

 6CDE8C

 82DE9C

 98DEAC

 AEDEBC

 C5DECC

 DBDEDC

Harmonies

Analogous

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



AACF00



13DE4C



00E5A5

Triad

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



13DE4C



00D2FF



FF6786

Complementary

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



13DE4C



DE13A5

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.



FF62DB



13DE4C



86B4FF

Square

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



13DE4C



00E2FF



FF89FF



FF8E34

Rectangle

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



13DE4C



00E7E1



FF89FF



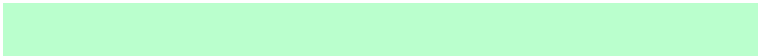
FF5FA2

Sweetspot

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



13DE4C



BAFFCD



A8DE13



578062



000000



808080

Same Dimension

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



13DE4C



00FF48



13DEAF



657068



00B031



00300E

Inverse Universe

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



DE13A5



FF00B7



DE1342



70656D



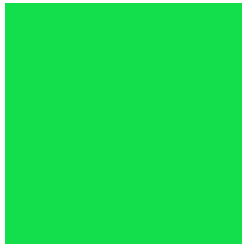
B0007F



300023

Previews

White Background



This preview shows how the Hex color 13DE4C 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 13DE4C 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 13DE4C Background



This preview shows how black text looks on a background with the Hex color 13DE4C.

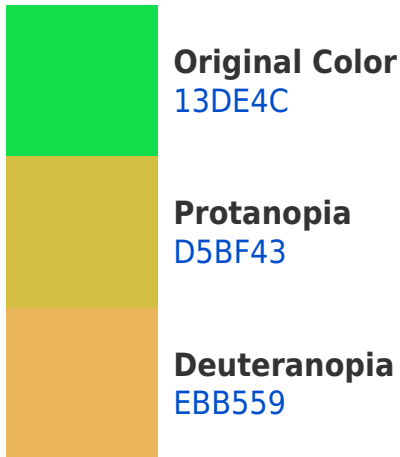


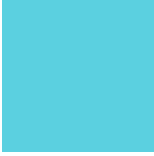
This preview shows how white text looks on a background with the Hex color 13DE4C.

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
5BD0E0

Trichromacy



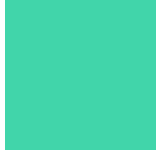
Original Color
13DE4C



Protanomaly
8ECA46



Deuteranomaly
9CC454



Tritanomaly
41D5AA

Monochromacy



Original Color
13DE4C



Achromatopsia
919191



Achromatomaly
63AD78

CSS Examples

Text

The CSS property to change the color of the text to Hex 13DE4C 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 #13DE4C looks like.

```
.text, #text, p{  
    color:#13DE4C  
}
```

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 #13DE4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13DE4C
}
```

Border

The CSS property to change the border of an element to Hex 13DE4C 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
#13DE4C }
```

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

```
.border{ border-color:#13DE4C }
```

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

Here you see how a box with a 4 pixel #13DE4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13DE4C; -webkit-box-shadow:4px 4px  
4px 4px #13DE4C; box-shadow:4px 4px 4px  
4px #13DE4C }
```

Background

The CSS property to change the background color of an element to Hex 13DE4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13DE4C }
```

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

```
.background{ background-color:#13DE4C }
```

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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