

Converting Colors

Hex(13C545)

Have a look what the booklet for
Hex(13C545) contains.

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Color

Hex(13C545)

Conversions

Conversions Part 1

Format	Color
Hex	13C545
RGB	19, 197, 69
RGB Percent	7%, 77%, 27%
CMY	0.9255, 0.2275, 0.7294
CMYK	0.90, 0.00, 0.65, 0.23
HSL	137°, 82%, 42%
HSV	137°, 90%, 77%
XYZ	21.3090, 40.5006, 12.3245
YIQ	129.1860, -65.0000, -77.5440

Conversions

Conversions Part 2

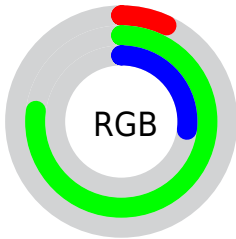
Format	Color
RYB	19, 158, 197
Decimal	1295685
CIELab	69.82, -66.19, 51.23
CIELCh	70, 83.696, 142.261
Yxy	40.5006, 0.2874, 0.5463
Android (android.graphics.Color)	4279485765 (0xFF13C545)
YUV	129.1860, -29.6717, -96.6331
Hunter-Lab	63.6401, -51.6020, 33.0660

Details

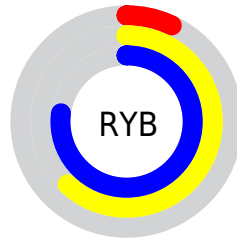
The Hex color **13C545** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C51393**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **69FF7A**, and **008D06** is the 20% darker color. If you saturate the color by 10%, you get **00C537**, and if you desaturate by 10%, it is **27C553**.

Distribution



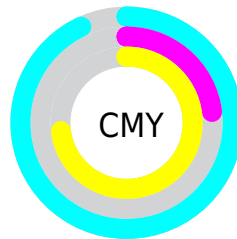
- Red (7%)
- Green (77%)
- Blue (27%)



- Red (7%)
- Yellow (62%)
- Blue (77%)



- Cyan (90%)
- Magenta (0%)
- Yellow (65%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C545 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 13C545 by changing the saturation by 10% instead.

 13C545

 13C545

FFFFFF

 00A92A

 69FF7A

 008D06

 89FF95

 007300

 A8FFB1

 005900

 C6FFCD

 004000

 E5FFEA

 002700

 000000

 13C545

 13C545

 00C537

 27C553

 3AC561

 4EC56F

 62C57E

 76C58C

 89C59A

 9DC5A8

 B1C5B6

 C4C5C4

Harmonies

Analogous

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



96B800



13C545



00CB94

Triad

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



13C545



00BAFF



FF5D76

Complementary

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



13C545



C51393

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.



FF58C2



13C545



7B9FFF

Square

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



13C545



00C8FF



F27AFF



FF7F2E

Rectangle

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



13C545



00CDC9



F27AFF



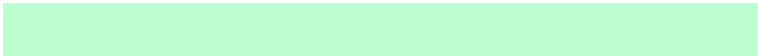
FF568F

Sweetspot

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



13C545



BAFFCD



96C513



578062



000000



808080

Same Dimension

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



13C545



00FF48



13C59B



5A635C



00A32E



00240A

Inverse Universe

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



C51393



FF00B7



C5133D



635A61



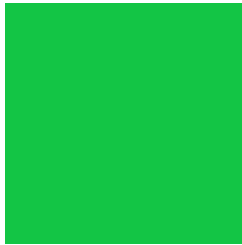
A30075



24001A

Previews

White Background



This preview shows how the Hex color 13C545 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 13C545 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 13C545 Background



This preview shows how black text looks on a background with the Hex color 13C545.

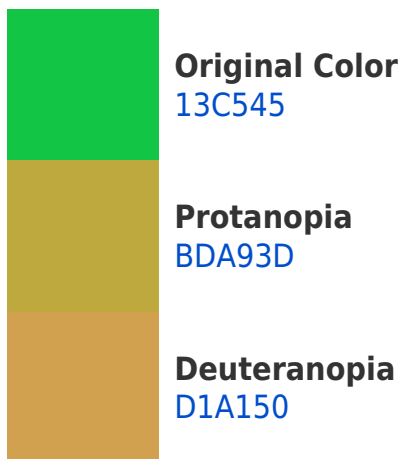


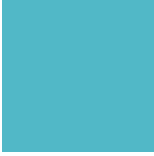
This preview shows how white text looks on a background with the Hex color 13C545.

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](#).

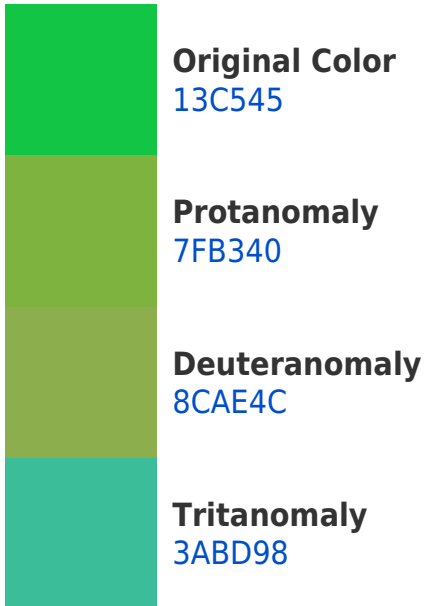
Dichromacy



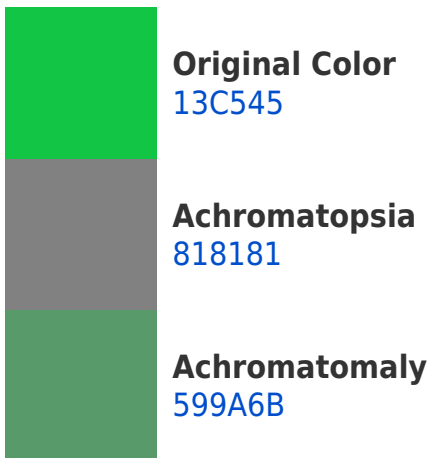


Tritanopia
51B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 13C545 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 #13C545 looks like.

```
.text, #text, p{  
    color:#13C545  
}
```

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 #13C545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C545
}
```

Border

The CSS property to change the border of an element to Hex 13C545 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
#13C545 }
```

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

```
.border{ border-color:#13C545 }
```

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

Here you see how a box with a 4 pixel #13C545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C545; -webkit-box-shadow:4px 4px  
4px 4px #13C545; box-shadow:4px 4px 4px  
4px #13C545 }
```

Background

The CSS property to change the background color of an element to Hex 13C545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C545 }
```

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

```
.background{ background-color:#13C545 }
```

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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