

Converting Colors

Hex(13CB5D)

Have a look what the booklet for
Hex(13CB5D) contains.

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Color

Hex(13CB5D)

Conversions

Conversions Part 1

Format	Color
Hex	13CB5D
RGB	19, 203, 93
RGB Percent	7%, 80%, 36%
CMY	0.9255, 0.2039, 0.6353
CMYK	0.91, 0.00, 0.54, 0.20
HSL	144°, 83%, 44%
HSV	144°, 91%, 80%
XYZ	23.6003, 43.6406, 17.5355
YIQ	135.4440, -74.3540, -73.2180

Conversions

Conversions Part 2

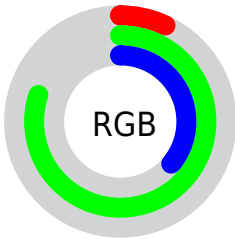
Format	Color
RYB	19, 150, 203
Decimal	1297245
CIELab	71.99, -64.99, 42.89
CIELCh	72, 77.868, 146.579
Yxy	43.6406, 0.2784, 0.5148
Android (android.graphics.Color)	4279487325 (0xFF13CB5D)
YUV	135.4440, -20.9249, -102.1214
Hunter-Lab	66.0611, -51.8378, 30.5045

Details

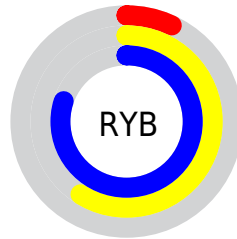
The Hex color **13CB5D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **CB1381**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6AFF92**, and **00932A** is the 20% darker color. If you saturate the color by 10%, you get **00CB52**, and if you desaturate by 10%, it is **27CB69**.

Distribution



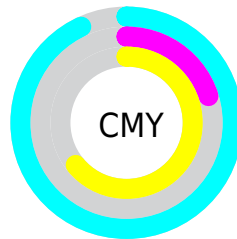
- Red (7%)
- Green (80%)
- Blue (36%)



- Red (7%)
- Yellow (59%)
- Blue (80%)



- Cyan (91%)
- Magenta (0%)
- Yellow (54%)
- Black (20%)



- Cyan (93%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13CB5D 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 13CB5D by changing the saturation by 10% instead.

 13CB5D

 13CB5D

FFFFFF

 00AF43

 6AFF92

 00932A

 8AFFAD

 00780D

 A9FFC9

 005E00

 C7FFE5

 004500

 E6FFFF

 002D00

 000D00

 000000

 13CB5D

 13CB5D

 00CB52

 27CB69

 3CCB75

 50CB81

 64CB8E

 79CB9A

 8DCBA6

 A1CBB2

 B5CBBE

 CACBCA

Harmonies

Analogous

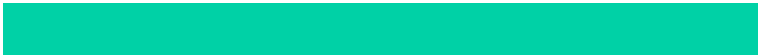
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95BF16



13CB5D



00D1A6

Triad

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



13CB5D



00BBFF



FF7075

Complementary

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



13CB5D



CB1381

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.



FF68BC



13CB5D



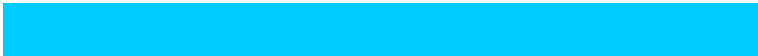
9EA1FF

Square

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



13CB5D



00CBFF



FE80FF



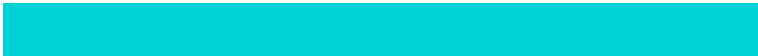
FF8D36

Rectangle

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



13CB5D



00D1D7



FE80FF



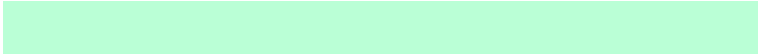
FF698C

Sweetspot

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



13CB5D



BAFFD6



81CB13



578067



000000



808080

Same Dimension

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



13CB5D



00FF67



13CBB9



5C6660



00A643



00260F

Inverse Universe

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



CB1381



FF0098



CB1325



665C62



A60063



260017

Previews

White Background



This preview shows how the Hex color 13CB5D looks on a white background.

Color Contrast Check

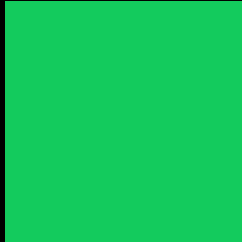
Large Text (above 18pt) WCAG AA × Fail

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 13CB5D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

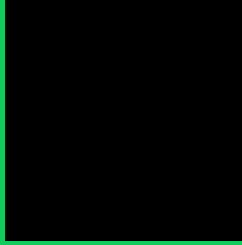
Any Text WCAG AA ✓ Pass

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 13CB5D Background



This preview shows how black text looks on a background with the Hex color 13CB5D.

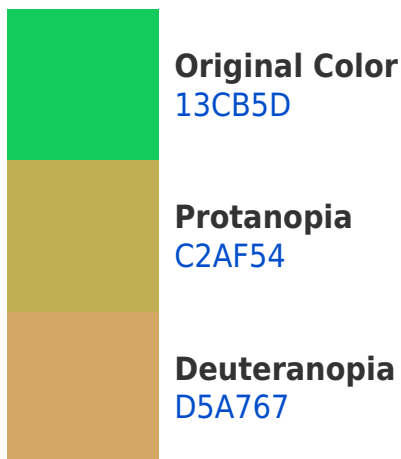


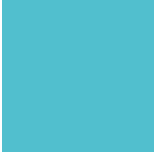
This preview shows how white text looks on a background with the Hex color 13CB5D.

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





Trichromacy



Original Color
13CB5D



Protanomaly
82B957



Deuteranomaly
8EB463



Tritanomaly
3AC3A5

Monochromacy



Original Color
13CB5D



Achromatopsia
878787



Achromatomaly
5DA078

CSS Examples

Text

The CSS property to change the color of the text to Hex 13CB5D 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 #13CB5D looks like.

```
.text, #text, p{  
    color:#13CB5D  
}
```

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 #13CB5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13CB5D
}
```

Border

The CSS property to change the border of an element to Hex 13CB5D 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
#13CB5D }
```

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

```
.border{ border-color:#13CB5D }
```

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

Here you see how a box with a 4 pixel #13CB5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13CB5D; -webkit-box-shadow:4px 4px  
4px 4px #13CB5D; box-shadow:4px 4px 4px  
4px #13CB5D }
```

Background

The CSS property to change the background color of an element to Hex 13CB5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13CB5D }
```

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

```
.background{ background-color:#13CB5D }
```

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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