

Converting Colors

Hex(13C613)

Have a look what the booklet for
Hex(13C613) contains.

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Color

Hex(13C613)

Conversions

Conversions Part 1

Format	Color
Hex	13C613
RGB	19, 198, 19
RGB Percent	7%, 78%, 7%
CMY	0.9255, 0.2235, 0.9255
CMYK	0.90, 0.00, 0.90, 0.22
HSL	120°, 82%, 43%
HSV	120°, 90%, 78%
XYZ	20.5802, 40.5736, 7.3629
YIQ	124.0730, -49.2250, -93.6170

Conversions

Conversions Part 2

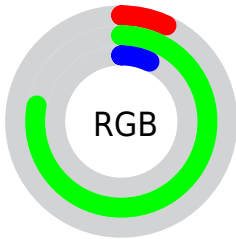
Format	Color
RYB	19, 198, 198
Decimal	1295891
CIELab	69.88, -69.91, 66.58
CIELCh	70, 96.544, 136.398
Yxy	40.5736, 0.3004, 0.5922
Android (android.graphics.Color)	4279485971 (0xFF13C613)
YUV	124.0730, -51.8010, -92.1490
Hunter-Lab	63.6974, -53.7984, 37.7348

Details

The Hex color **13C613** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C613C6**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6BFF56**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **00C600**, and if you desaturate by 10%, it is **27C627**.

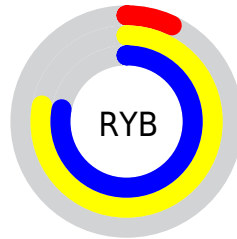
Distribution



Red (7%)

Green (78%)

Blue (7%)



Red (7%)

Yellow (78%)

Blue (78%)

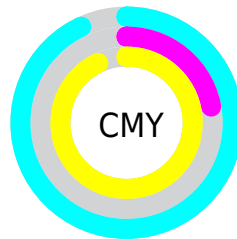


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (22%)



Cyan (93%)

Magenta (22%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13C613 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 13C613 by changing the saturation by 10% instead.

 13C613

 13C613

FFFFFF

 00AA00

 6BFF56

 008E00

 8CFF73

 007300

 ABFF8F

 005900

 CAFFAB

 004000

 E9FFC8

 002800

 FFFF E5

 000000

 13C613

 13C613

 00C600

 27C627

 3BC63B

 4EC64E

 62C662

 76C676

 8AC68A

 9EC69E

 B1C6B1

 C5C6C5

Harmonies

Analogous

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



A1B600



13C613



00CE7E

Triad

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



13C613



00C1FF



FF397F

Complementary

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



13C613



C613C6

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.



FF41D6



13C613



00A5FF

Square

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



13C613



00CDFE



E878FF



FF6C28

Rectangle

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



13C613



00D0BC



E878FF



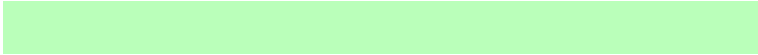
FF309C

Sweetspot

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



13C613



BAFFBA



C6C613



578057



000000



808080

Same Dimension

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



13C613



00FF00



13C66D



5A635A



00A300



002400

Inverse Universe

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



C613C6



FF00FF



C6136D



635A63



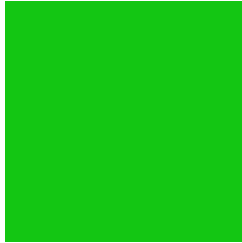
A300A3



240024

Previews

White Background



This preview shows how the Hex color 13C613 looks on a white background.

Color Contrast Check

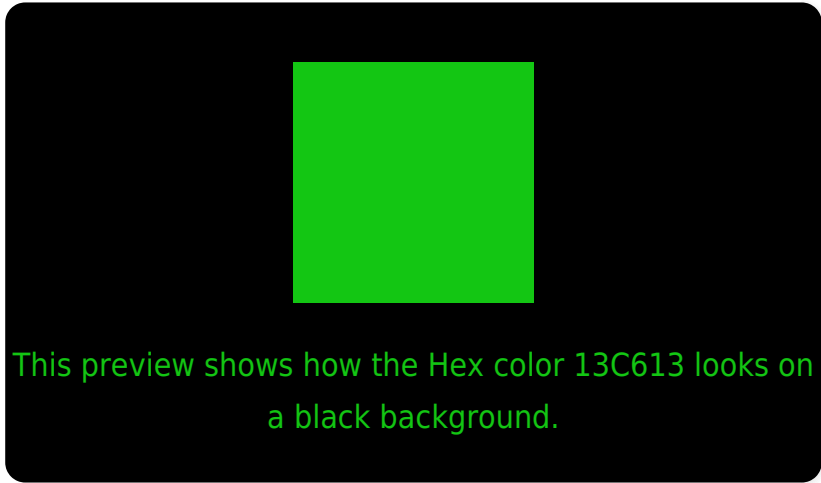
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 13C613 Background



This preview shows how black text looks on a background with the Hex color 13C613.

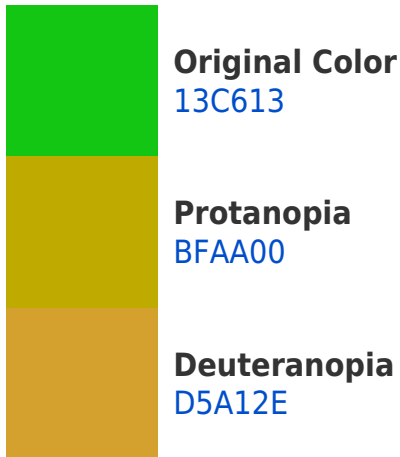


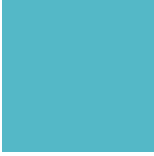
This preview shows how white text looks on a background with the Hex color 13C613.

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](#).

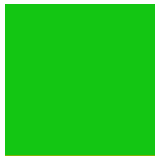
Dichromacy





Tritanopia
54B8C7

Trichromacy



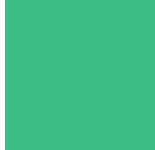
Original Color
13C613



Protanomaly
80B407



Deuteranomaly
8EAE24



Tritanomaly
3CBD86

Monochromacy



Original Color
13C613



Achromatopsia
7C7C7C



Achromatomaly
569756

CSS Examples

Text

The CSS property to change the color of the text to Hex 13C613 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 #13C613 looks like.

```
.text, #text, p{  
    color:#13C613  
}
```

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 #13C613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13C613
}
```

Border

The CSS property to change the border of an element to Hex 13C613 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
#13C613 }
```

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

```
.border{ border-color:#13C613 }
```

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

Here you see how a box with a 4 pixel #13C613 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13C613; -webkit-box-shadow:4px 4px  
4px 4px #13C613; box-shadow:4px 4px 4px  
4px #13C613 }
```

Background

The CSS property to change the background color of an element to Hex 13C613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13C613 }
```

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

```
.background{ background-color:#13C613 }
```

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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