

Converting Colors

Hex(13E648)

Have a look what the booklet for
Hex(13E648) contains.

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Color

Hex(13E648)

Conversions

Conversions Part 1

Format	Color
Hex	13E648
RGB	19, 230, 72
RGB Percent	7%, 90%, 28%
CMY	0.9255, 0.0980, 0.7176
CMYK	0.92, 0.00, 0.69, 0.10
HSL	135°, 85%, 49%
HSV	135°, 92%, 90%
XYZ	29.7351, 57.2000, 15.6044
YIQ	148.8990, -75.0380, -93.8700

Conversions

Conversions Part 2

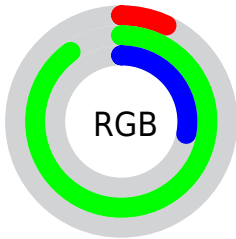
Format	Color
RYB	19, 188, 230
Decimal	1304136
CIELab	80.29, -75.62, 61.36
CIELCh	80, 97.385, 140.946
Yxy	57.2000, 0.2900, 0.5578
Android (android.graphics.Color)	4279494216 (0xFF13E648)
YUV	148.8990, -37.9112, -113.9214
Hunter-Lab	75.6307, -62.1743, 40.7085

Details

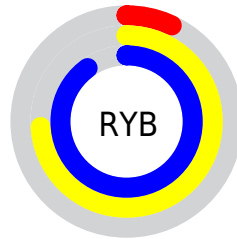
The Hex color **13E648** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E613B1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **72FF80**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **00E63A**, and if you desaturate by 10%, it is **2AE659**.

Distribution



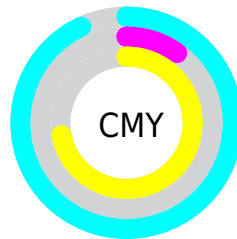
- Red (7%)
- Green (90%)
- Blue (28%)



- Red (7%)
- Yellow (74%)
- Blue (90%)



- Cyan (92%)
- Magenta (0%)
- Yellow (69%)
- Black (10%)



- Cyan (93%)
- Magenta (10%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13E648 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 13E648 by changing the saturation by 10% instead.

 13E648

 13E648

FFFFFF

 00C92A

 72FF80

 00AD00

 94FF9C

 009100

 B4FFB8

 007600

 D4FFD5

 005B00

 F3FFF2

 004200

 002900

 000200

 000000

 13E648

 13E648

 00E63A

 2AE659

 41E66A

 58E67C

 6FE68D

 86E69E

 9DE6AF

 B4E6C1

 CBE6D2

 E2E6E3

Harmonies

Analogous

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



B2D600



13E648



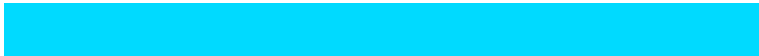
00EEA8

Triad

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



13E648



00DAFF



FF658C

Complementary

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



13E648



E613B1

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.



FF62E7



13E648



7FBBFF

Square

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



13E648



00EAFF



FF8EFF



FF9035

Rectangle

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



13E648



00F0E7



FF8EFF



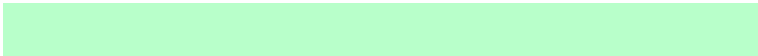
FF5DAA

Sweetspot

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



13E648



B8FFCA



B1E613



54805F



000000



808080

Same Dimension

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



13E648



00FF40



13E6B1



67736A



00B32D



00330D

Inverse Universe

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



E613B1



FF00BF



E61348



736770



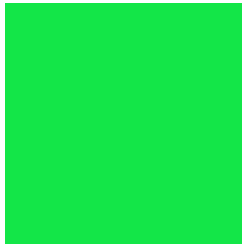
B30086



330026

Previews

White Background



This preview shows how the Hex color 13E648 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 13E648 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 13E648 Background



This preview shows how black text looks on a background with the Hex color 13E648.

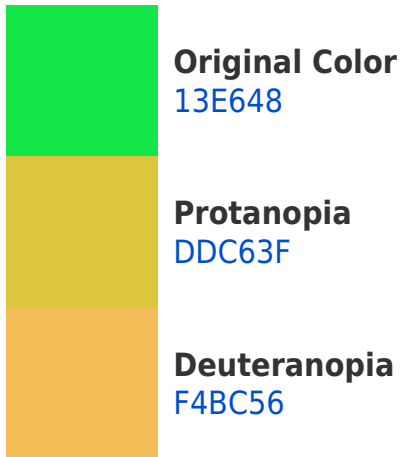


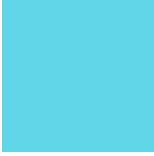
This preview shows how white text looks on a background with the Hex color 13E648.

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](#).

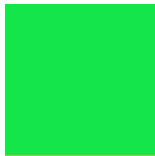
Dichromacy





Tritanopia
5FD7E8

Trichromacy



Original Color
13E648



Protanomaly
94D242



Deuteranomaly
A2CB51



Tritanomaly
43DCAE

Monochromacy



Original Color
13E648



Achromatopsia
959595



Achromatomaly
66B279

CSS Examples

Text

The CSS property to change the color of the text to Hex 13E648 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 #13E648 looks like.

```
.text, #text, p{  
    color:#13E648  
}
```

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 #13E648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13E648
}
```

Border

The CSS property to change the border of an element to Hex 13E648 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
#13E648 }
```

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

```
.border{ border-color:#13E648 }
```

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

Here you see how a box with a 4 pixel #13E648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13E648; -webkit-box-shadow:4px 4px  
4px 4px #13E648; box-shadow:4px 4px 4px  
4px #13E648 }
```

Background

The CSS property to change the background color of an element to Hex 13E648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13E648 }
```

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

```
.background{ background-color:#13E648 }
```

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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