

Converting Colors

Hex(13E460)

Have a look what the booklet for
Hex(13E460) contains.

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Color

Hex(13E460)

Conversions

Conversions Part 1

Format	Color
Hex	13E460
RGB	19, 228, 96
RGB Percent	7%, 89%, 38%
CMY	0.9255, 0.1059, 0.6235
CMYK	0.92, 0.00, 0.58, 0.11
HSL	142°, 85%, 48%
HSV	142°, 92%, 89%
XYZ	30.1233, 56.4698, 20.3784
YIQ	150.4610, -82.1920, -85.3600

Conversions

Conversions Part 2

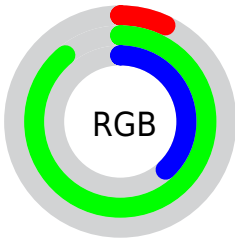
Format	Color
RYB	19, 172, 228
Decimal	1303648
CIELab	79.88, -72.38, 50.91
CIELCh	80, 88.490, 144.879
Yxy	56.4698, 0.2816, 0.5279
Android (android.graphics.Color)	4279493728 (0xFF13E460)
YUV	150.4610, -26.8493, -115.2913
Hunter-Lab	75.1464, -59.9524, 36.5240

Details

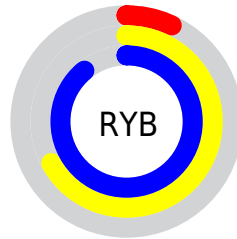
The Hex color **13E460** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed spring green. A complement of this color would be **E41397**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **70FF96**, and **00AB2A** is the 20% darker color. If you saturate the color by 10%, you get **00E454**, and if you desaturate by 10%, it is **2AE46E**.

Distribution



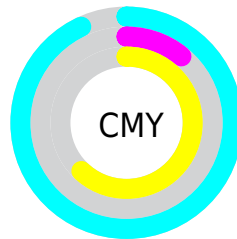
- Red (7%)
- Green (89%)
- Blue (38%)



- Red (7%)
- Yellow (67%)
- Blue (89%)



- Cyan (92%)
- Magenta (0%)
- Yellow (58%)
- Black (11%)



- Cyan (93%)
- Magenta (11%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13E460 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 13E460 by changing the saturation by 10% instead.

 13E460

 13E460

FFFFFF

 00C745

 70FF96

 00AB2A

 92FFB2

 008F07

 B2FFCE

 007400

 D1FFEB

 005A00

 F1FFFF

 004100

 002800

 000000

 13E460

 13E460

 00E454

 2AE46E

 41E47D

 57E48B

 6EE49A

 85E4A8

 9CE4B6

 B3E4C5

 C9E4D3

 E0E4E2

Harmonies

Analogous

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



AAD600



13E460



00EBB5

Triad

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



13E460



00D4FF



FF7786

Complementary

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



13E460



E41397

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.



FF6FD8



13E460



A6B6FF

Square

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



13E460



00E5FF



FF8EFF



FF9B3A

Rectangle

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



13E460



00ECEE



FF8EFF



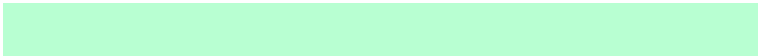
FF70A1

Sweetspot

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



13E460



B8FFD2



97E413



548064



000000



808080

Same Dimension

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



13E460



00FF5E



13E4C8



67736C



00B342



003313

Inverse Universe

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



E41397



FF00A1



E4132F



73676F



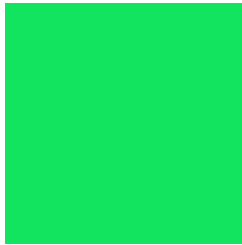
B30071



330020

Previews

White Background



This preview shows how the Hex color 13E460 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 13E460 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 13E460 Background



This preview shows how black text looks on a background with the Hex color 13E460.

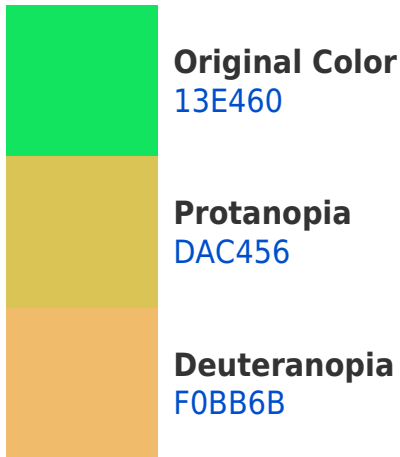


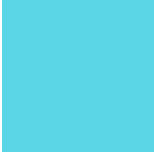
This preview shows how white text looks on a background with the Hex color 13E460.

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](#).

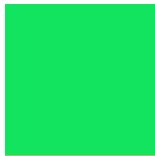
Dichromacy





Tritanopia
5BD6E7

Trichromacy



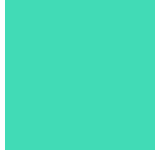
Original Color
13E460



Protanomaly
92D05A



Deuteranomaly
A0CA67



Tritanomaly
41DBB6

Monochromacy



Original Color
13E460



Achromatopsia
969696



Achromatomaly
66B282

CSS Examples

Text

The CSS property to change the color of the text to Hex 13E460 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 #13E460 looks like.

```
.text, #text, p{  
    color:#13E460  
}
```

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 #13E460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13E460
}
```

Border

The CSS property to change the border of an element to Hex 13E460 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
#13E460 }
```

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

```
.border{ border-color:#13E460 }
```

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

Here you see how a box with a 4 pixel #13E460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13E460; -webkit-box-shadow:4px 4px  
4px 4px #13E460; box-shadow:4px 4px 4px  
4px #13E460 }
```

Background

The CSS property to change the background color of an element to Hex 13E460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13E460 }
```

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

```
.background{ background-color:#13E460 }
```

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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