

Converting Colors

Hex(13E76D)

Have a look what the booklet for
Hex(13E76D) contains.

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Color

Hex(13E76D)

Conversions

Conversions Part 1

Format	Color
Hex	13E76D
RGB	19, 231, 109
RGB Percent	7%, 91%, 43%
CMY	0.9255, 0.0941, 0.5725
CMYK	0.92, 0.00, 0.53, 0.09
HSL	145°, 85%, 49%
HSV	145°, 92%, 91%
XYZ	31.6048, 58.3944, 24.0735
YIQ	153.7040, -87.1900, -82.8860

Conversions

Conversions Part 2

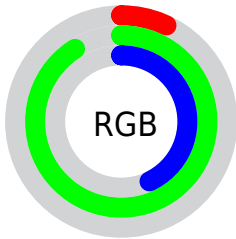
Format	Color
RYB	19, 168, 231
Decimal	1304429
CIELab	80.96, -71.52, 46.23
CIELCh	81, 85.164, 147.122
Yxy	58.3944, 0.2771, 0.5119
Android (android.graphics.Color)	4279494509 (0xFF13E76D)
YUV	153.7040, -22.0391, -118.1354
Hunter-Lab	76.4162, -59.9031, 34.8132

Details

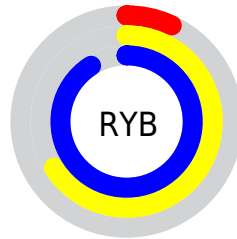
The Hex color **13E76D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E7138D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **71FFA3**, and **00AE39** is the 20% darker color. If you saturate the color by 10%, you get **00E762**, and if you desaturate by 10%, it is **2AE77A**.

Distribution



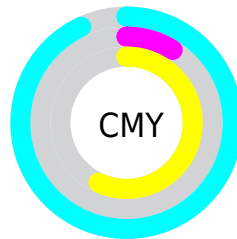
- Red (7%)
- Green (91%)
- Blue (43%)



- Red (7%)
- Yellow (66%)
- Blue (91%)



- Cyan (92%)
- Magenta (0%)
- Yellow (53%)
- Black (9%)



- Cyan (93%)
- Magenta (9%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13E76D 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 13E76D by changing the saturation by 10% instead.

 13E76D

 13E76D


FFFFFF

 00CA53

 71FFA3

 00AE39

 92FFBF

 00921E

 B2FFDB

 007700

 D2FFF8

 005C00

 F1FFFF

 004300

 002A00

 000700

 000000

■ 13E76D

■ 13E76D

■ 00E762

■ 2AE77A

■ 41E788

■ 58E795

■ 6FE7A2

■ 87E7AF

■ 9EE7BD

■ B5E7CA

■ CCE7D7

■ E3E7E5

Harmonies

Analogous

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



A8DA1F



13E76D



00EDBF

Triad

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



13E76D



00D5FF



FF8185

Complementary

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



13E76D



E7138D

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.



FF78D4



13E76D



B8B7FF

Square

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



13E76D



00E6FF



FF92FF



FFA23F

Rectangle

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



13E76D



00EEF6



FF92FF



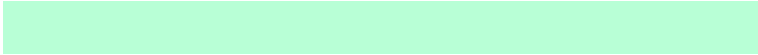
FF7A9F

Sweetspot

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



13E76D



B8FFD6



8FE713



548067



000000



808080

Same Dimension

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



13E76D



00FF6C



13E7D5



67736C



00B34C



003316

Inverse Universe

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



E7138D



FF0093



E71325



73676E



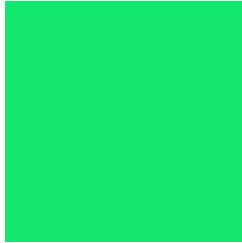
B30067



33001D

Previews

White Background



This preview shows how the Hex color 13E76D 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 13E76D 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 13E76D Background



This preview shows how black text looks on a background with the Hex color 13E76D.

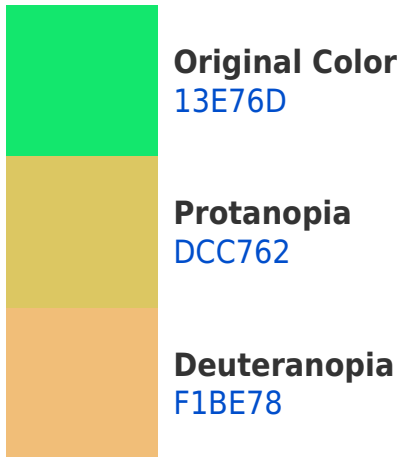


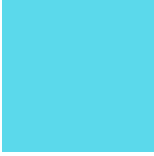
This preview shows how white text looks on a background with the Hex color 13E76D.

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](#).

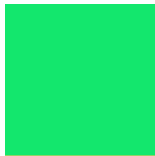
Dichromacy





Tritanopia
5BD9EB

Trichromacy



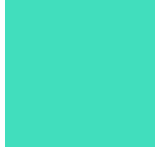
Original Color
13E76D



Protanomaly
93D366



Deuteranomaly
A0CD74



Tritanomaly
41DEBD

Monochromacy



Original Color
13E76D



Achromatopsia
9A9A9A



Achromatomaly
69B68A

CSS Examples

Text

The CSS property to change the color of the text to Hex 13E76D 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 #13E76D looks like.

```
.text, #text, p{  
    color:#13E76D  
}
```

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 #13E76D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13E76D
}
```

Border

The CSS property to change the border of an element to Hex 13E76D 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
#13E76D }
```

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

```
.border{ border-color:#13E76D }
```

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

Here you see how a box with a 4 pixel #13E76D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13E76D; -webkit-box-shadow:4px 4px  
4px 4px #13E76D; box-shadow:4px 4px 4px  
4px #13E76D }
```

Background

The CSS property to change the background color of an element to Hex 13E76D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13E76D }
```

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

```
.background{ background-color:#13E76D }
```

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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