

Converting Colors

Hex(13EA67)

Have a look what the booklet for
Hex(13EA67) contains.

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Color

Hex(13EA67)

Conversions

Conversions Part 1

Format	Color
Hex	13EA67
RGB	19, 234, 103
RGB Percent	7%, 92%, 40%
CMY	0.9255, 0.0824, 0.5961
CMYK	0.92, 0.00, 0.56, 0.08
HSL	143°, 85%, 50%
HSV	143°, 92%, 92%
XYZ	32.1396, 59.9634, 22.7121
YIQ	154.7810, -86.0890, -86.3210

Conversions

Conversions Part 2

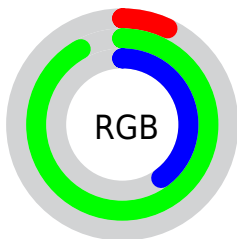
Format	Color
RYB	19, 174, 234
Decimal	1305191
CIELab	81.82, -73.29, 50.04
CIELCh	82, 88.744, 145.676
Yxy	59.9634, 0.2799, 0.5223
Android (android.graphics.Color)	4279495271 (0xFF13EA67)
YUV	154.7810, -25.5280, -119.0799
Hunter-Lab	77.4360, -61.4272, 36.8153

Details

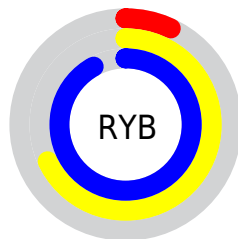
The Hex color **13EA67** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **EA1396**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FF9D**, and **00B132** is the 20% darker color. If you saturate the color by 10%, you get **00EA5B**, and if you desaturate by 10%, it is **2AEA75**.

Distribution



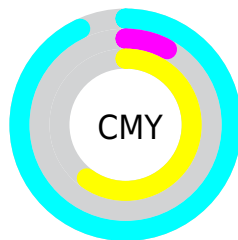
- Red (7%)
- Green (92%)
- Blue (40%)



- Red (7%)
- Yellow (68%)
- Blue (92%)



- Cyan (92%)
- Magenta (0%)
- Yellow (56%)
- Black (8%)



- Cyan (93%)
- Magenta (8%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13EA67 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 13EA67 by changing the saturation by 10% instead.

 13EA67

 13EA67

FFFFFF

 00CD4D

 72FF9D

 00B132

 93FFB9

 009513

 B4FFD5

 007900

 D3FFF2

 005F00

 F3FFFF

 004500

 002D00

 000C00

 000000

 13EA67

 13EA67

 00EA5B

 2AEA75

 42EA84

 59EA92

 71EAA0

 88EAAE

 9FEABD

 B7EACB

 CEEAD9

 E6EAE7

Harmonies

Analogous

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



ADDC06



13EA67



00F1BC

Triad

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



13EA67



00D9FF



FF7E89

Complementary

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



13EA67



EA1396

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.



FF75DB



13EA67



B0BBFF

Square

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



13EA67



00EBFF



FF93FF



FFA13D

Rectangle

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



13EA67



00F2F6



FF93FF



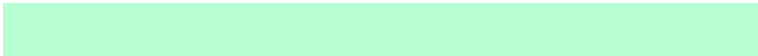
FF76A3

Sweetspot

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



13EA67



B8FFD3



98EA13



548065



000000



808080

Same Dimension

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



13EA67



00FF64



13EAD1



6A756E



00B547



003615

Inverse Universe

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



EA1396



FF009B



EA132C



756A71



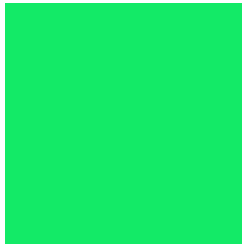
B5006E



360021

Previews

White Background



This preview shows how the Hex color 13EA67 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 13EA67 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 13EA67 Background



This preview shows how black text looks on a background with the Hex color 13EA67.

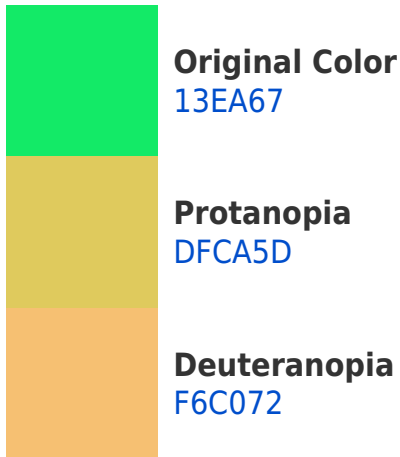


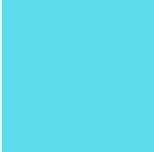
This preview shows how white text looks on a background with the Hex color 13EA67.

Color Blindness Simulation

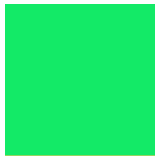
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



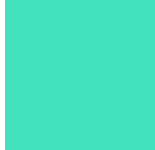
Original Color
13EA67



Protanomaly
95D661



Deuteranomaly
A3CF6E



Tritanomaly
42E1BD

Monochromacy



Original Color
13EA67



Achromatopsia
9B9B9B



Achromatomaly
6AB888

CSS Examples

Text

The CSS property to change the color of the text to Hex 13EA67 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 #13EA67 looks like.

```
.text, #text, p{  
    color:#13EA67  
}
```

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 #13EA67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13EA67
}
```

Border

The CSS property to change the border of an element to Hex 13EA67 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
#13EA67 }
```

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

```
.border{ border-color:#13EA67 }
```

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

Here you see how a box with a 4 pixel #13EA67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13EA67; -webkit-box-shadow:4px 4px  
4px 4px #13EA67; box-shadow:4px 4px 4px  
4px #13EA67 }
```

Background

The CSS property to change the background color of an element to Hex 13EA67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13EA67 }
```

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

```
.background{ background-color:#13EA67 }
```

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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