

Converting Colors

Hex(13F285)

Have a look what the booklet for
Hex(13F285) contains.

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Color

Hex(13F285)

Conversions

Conversions Part 1

Format	Color
Hex	13F285
RGB	19, 242, 133
RGB Percent	7%, 95%, 52%
CMY	0.9255, 0.0510, 0.4784
CMYK	0.92, 0.00, 0.45, 0.05
HSL	151°, 90%, 51%
HSV	151°, 92%, 95%
XYZ	36.2543, 65.3362, 32.8906
YIQ	162.8970, -97.9190, -81.1750

Conversions

Conversions Part 2

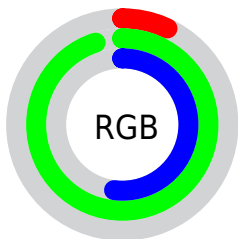
Format	Color
RYB	19, 167, 242
Decimal	1307269
CIELab	84.66, -71.25, 39.35
CIELCh	85, 81.396, 151.088
Yxy	65.3362, 0.2696, 0.4858
Android (android.graphics.Color)	4279497349 (0xFF13F285)
YUV	162.8970, -14.7392, -126.1977
Hunter-Lab	80.8308, -61.3928, 32.4560

Details

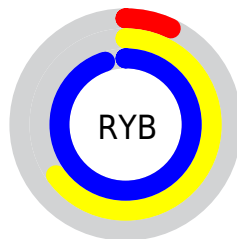
The Hex color **13F285** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F21380**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **73FFBB**, and **00B851** is the 20% darker color. If you saturate the color by 10%, you get **00F27C**, and if you desaturate by 10%, it is **2BF291**.

Distribution



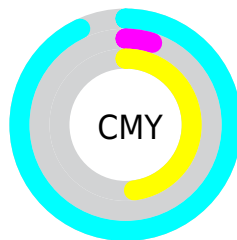
- Red (7%)
- Green (95%)
- Blue (52%)



- Red (7%)
- Yellow (65%)
- Blue (95%)



- Cyan (92%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)



- Cyan (93%)
- Magenta (5%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13F285 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 13F285 by changing the saturation by 10% instead.

 13F285

 13F285


FFFFFF

 00D56B

 73FFBB

 00B851

 95FFD8

 009C38

 B5FFF4

 00811F

 D5FFFF

 006601

 F5FFFF

 004C00

 003400

 001900

 000000

 13F285

 13F285

 00F27C

 2BF291

 43F29D

 5CF2A8

 74F2B4

 8CF2C0

 A4F2CC

 BCF2D8

 D5F2E4

 EDF2EF

Harmonies

Analogous

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



AAE641



13F285



00F7D4

Triad

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



13F285



00DBFF



FF9488

Complementary

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



13F285



F21380

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.



FF88D4



13F285



D6BEFF

Square

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



13F285



00EEFF



FF9CFF



FFB348

Rectangle

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



13F285



00F8FF



FF9CFF



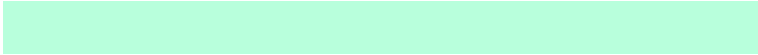
FF8DA1

Sweetspot

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



13F285



B8FFDC



82F213



54806A



000000



808080

Same Dimension

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



13F285



00FF82



13F2F2



6C7872



00B85E



00381D

Inverse Universe

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



F21380



FF007D



F21313



786C72



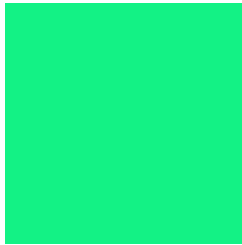
B8005A



38001B

Previews

White Background



This preview shows how the Hex color 13F285 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 13F285 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 13F285 Background



This preview shows how black text looks on a background with the Hex color 13F285.

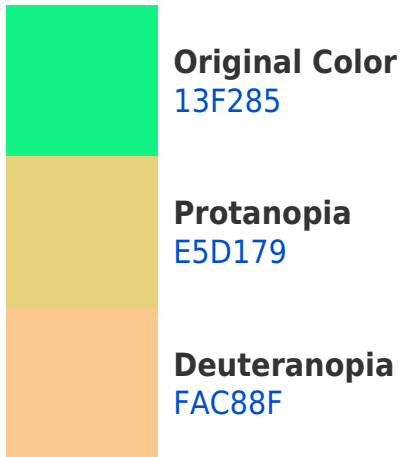


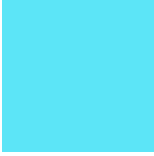
This preview shows how white text looks on a background with the Hex color 13F285.

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
5CE5F7

Trichromacy



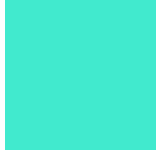
Original Color
13F285



Protanomaly
99DD7D



Deuteranomaly
A6D78B

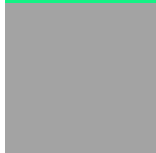


Tritanomaly
41EACE

Monochromacy



Original Color
13F285



Achromatopsia
A3A3A3



Achromatomaly
6FC098

CSS Examples

Text

The CSS property to change the color of the text to Hex 13F285 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 #13F285 looks like.

```
.text, #text, p{  
    color:#13F285  
}
```

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 #13F285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13F285
}
```

Border

The CSS property to change the border of an element to Hex 13F285 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
#13F285 }
```

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

```
.border{ border-color:#13F285 }
```

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

Here you see how a box with a 4 pixel #13F285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13F285; -webkit-box-shadow:4px 4px  
4px 4px #13F285; box-shadow:4px 4px 4px  
4px #13F285 }
```

Background

The CSS property to change the background color of an element to Hex 13F285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13F285 }
```

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

```
.background{ background-color:#13F285 }
```

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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