

Converting Colors

Hex(13FF6B)

Have a look what the booklet for
Hex(13FF6B) contains.

Hex(13FF6B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(13FF6B)

Conversions

Conversions Part 1

Format	Color
Hex	13FF6B
RGB	19, 255, 107
RGB Percent	7%, 100%, 42%
CMY	0.9255, 0.0000, 0.5804
CMYK	0.93, 0.00, 0.58, 0.00
HSL	142°, 100%, 54%
HSV	142°, 93%, 100%
XYZ	38.6824, 72.7200, 25.9075
YIQ	167.5640, -93.1480, -96.0600

Conversions

Conversions Part 2

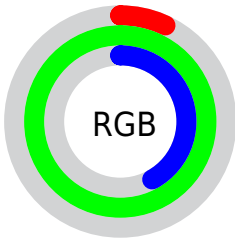
Format	Color
RYB	19, 191, 255
Decimal	1310571
CIELab	88.31, -79.10, 55.92
CIELCh	88, 96.866, 144.740
Yxy	72.7200, 0.2817, 0.5296
Android (android.graphics.Color)	4279500651 (0xFF13FF6B)
YUV	167.5640, -29.8581, -130.2906
Hunter-Lab	85.2760, -68.2629, 41.6805

Details

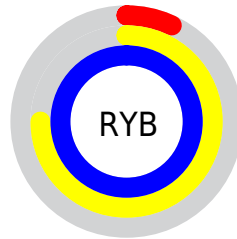
The Hex color **13FF6B** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF13A7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **77FFA2**, and **00C434** is the 20% darker color. If you saturate the color by 10%, you get **00FF5F**, and if you desaturate by 10%, it is **2DFF7B**.

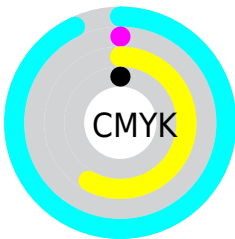
Distribution



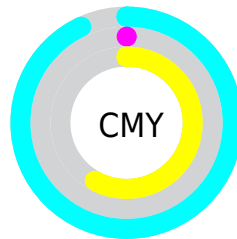
- Red (7%)
- Green (100%)
- Blue (42%)



- Red (7%)
- Yellow (75%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13FF6B 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 13FF6B by changing the saturation by 10% instead.

 13FF6B

 13FF6B

FFFFFF

 00E150

 77FFA2

 00C434

 9AFFBE

 00A813

 BBFFDB

 008C00

 DBFFF8

 007100

 FCFFFF

 005700

 003E00

 002400

 000000

 13FF6B

 13FF6B

 00FF5F

 2DFF7B

 46FF8B

 60FF9B

 79FFAB

 93FFBB

 ACFFCB

 C6FFDB

 DFFFEB

 F9FFFB

Harmonies

Analogous

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



BEEF00



13FF6B



00FFCA

Triad

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



13FF6B



00EEFF



FF8596

Complementary

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



13FF6B



FF13A7

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.



FF7CF2



13FF6B



B8CCFF

Square

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



13FF6B



00FFFF



FFA0FF



FFAD41

Rectangle

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



13FF6B



00FFFF



FFA0FF



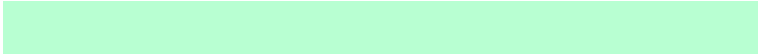
FF7DB4

Sweetspot

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



13FF6B



B8FFD2



A8FF13



548064



000000



808080

Same Dimension

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



13FF6B



00FF5F



13FFE0



738078



00BF47



004018

Inverse Universe

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



FF13A7



FF00A0



FF1332



80737B



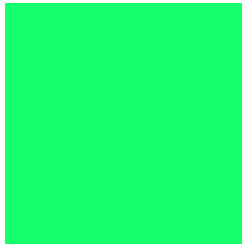
BF0078



400028

Previews

White Background



This preview shows how the Hex color 13FF6B 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 13FF6B 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 13FF6B Background



This preview shows how black text looks on a background with the Hex color 13FF6B.

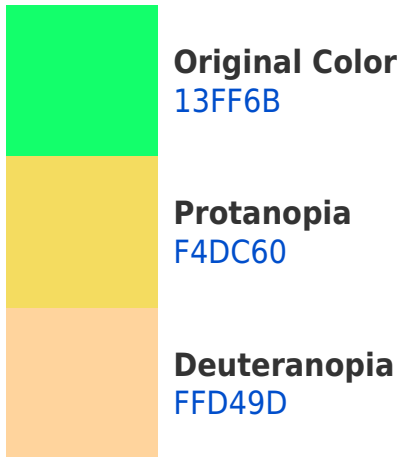


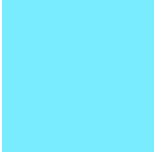
This preview shows how white text looks on a background with the Hex color 13FF6B.

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](#).

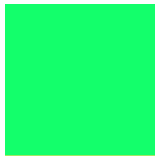
Dichromacy





Tritanopia
79EDFF

Trichromacy



Original Color
13FF6B



Protanomaly
A2E964



Deuteranomaly
A9E48B

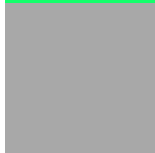


Tritanomaly
54F4C9

Monochromacy



Original Color
13FF6B



Achromatopsia
A8A8A8



Achromatomaly
72C892

CSS Examples

Text

The CSS property to change the color of the text to Hex 13FF6B 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 #13FF6B looks like.

```
.text, #text, p{  
    color:#13FF6B  
}
```

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 #13FF6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13FF6B
}
```

Border

The CSS property to change the border of an element to Hex 13FF6B 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
#13FF6B }
```

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

```
.border{ border-color:#13FF6B }
```

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

Here you see how a box with a 4 pixel #13FF6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13FF6B; -webkit-box-shadow:4px 4px  
4px 4px #13FF6B; box-shadow:4px 4px 4px  
4px #13FF6B }
```

Background

The CSS property to change the background color of an element to Hex 13FF6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13FF6B }
```

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

```
.background{ background-color:#13FF6B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor