

Converting Colors

Hex(14FF66)

Have a look what the booklet for
Hex(14FF66) contains.

Hex(14FF66)	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(14FF66)

Conversions

Conversions Part 1

Format	Color
Hex	14FF66
RGB	20, 255, 102
RGB Percent	8%, 100%, 40%
CMY	0.9216, 0.0000, 0.6000
CMYK	0.92, 0.00, 0.60, 0.00
HSL	141°, 100%, 54%
HSV	141°, 92%, 100%
XYZ	38.4468, 72.6280, 24.5626
YIQ	167.2930, -90.9470, -97.4030

Conversions

Conversions Part 2

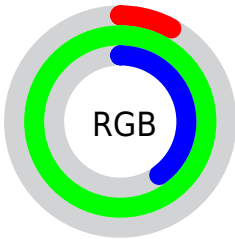
Format	Color
R_{YB}	20, 194, 255
Decimal	1376102
CIE _{Lab}	88.27, -79.66, 58.03
CIE _{LCh}	88, 98.553, 143.929
Yxy	72.6280, 0.2835, 0.5355
Android (android.graphics.Color)	4279566182 (0xFF14FF66)
YUV	167.2930, -32.1894, -129.1760
Hunter-Lab	85.2221, -68.6108, 42.5669

Details

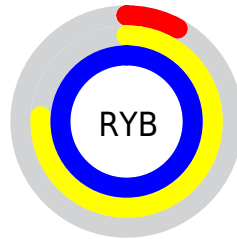
The Hex color **14FF66** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF14AD**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **78FF9D**, and **00C42E** is the 20% darker color. If you saturate the color by 10%, you get **00FF59**, and if you desaturate by 10%, it is **2EFF77**.

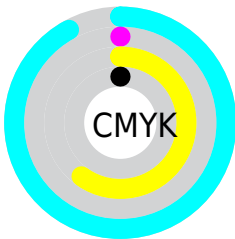
Distribution



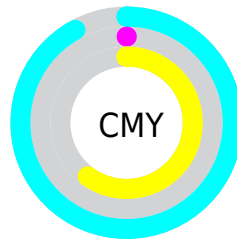
- Red (8%)
- Green (100%)
- Blue (40%)



- Red (8%)
- Yellow (76%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (92%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14FF66 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 14FF66 by changing the saturation by 10% instead.

 14FF66

 14FF66

FFFFFF

 00E14B

 78FF9D

 00C42E

 9AFFB9

 00A806

 BBFFD6

 008C00

 DCFFF3

 007100

 FCFFF5

 005600

 003E00

 002300

 000000

 14FF66

 14FF66

 00FF59

 2EFF77

 47FF87

 61FF98

 7AFFA8

 93FFB9

 ADFFCA

 C7FFDA

 E0FFEB

 FAFFFF

Harmonies

Analogous

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



C0EF00



14FF66



00FFC7

Triad

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



14FF66



00EFFF



FF8197

Complementary

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



14FF66



FF14AD

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.



FF79F5



14FF66



B1CFFF

Square

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



14FF66



00FFFF



FF9FFF



FFAB40

Rectangle

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



14FF66



00FFFF



FF9FFF



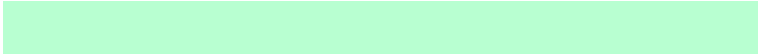
FF79B6

Sweetspot

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



14FF66



B8FFD1



B1FF14



548063



000000



808080

Same Dimension

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



14FF66



00FF59



14FFD8



738077



00BF43



004016

Inverse Universe

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



FF14AD



FF00A6



FF143B



80737B



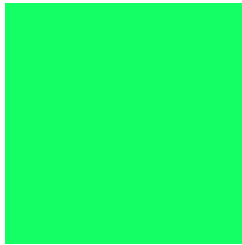
BF007D



40002A

Previews

White Background



This preview shows how the Hex color 14FF66 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 14FF66 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 14FF66 Background



This preview shows how black text looks on a background with the Hex color 14FF66.

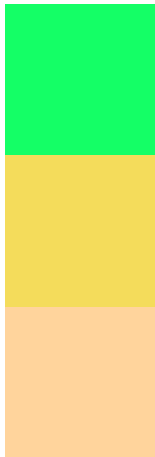


This preview shows how white text looks on a background with the Hex color 14FF66.

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](#).

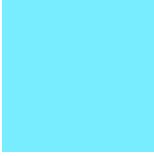
Dichromacy



Original Color
E67E22

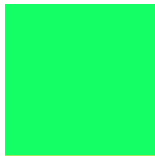
Protanopia
F4DC5B

Deuteranopia
FFD49C



Tritanopia
78EDFF

Trichromacy



Original Color
14FF66



Protanomaly
A3E95F



Deuteranomaly
AAE488



Tritanomaly
54F4C7

Monochromacy



Original Color
14FF66



Achromatopsia
A7A7A7



Achromatomaly
72C78F

CSS Examples

Text

The CSS property to change the color of the text to Hex 14FF66 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 #14FF66 looks like.

```
.text, #text, p{  
    color:#14FF66  
}
```

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 #14FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14FF66
}
```

Border

The CSS property to change the border of an element to Hex 14FF66 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
#14FF66 }
```

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

```
.border{ border-color:#14FF66 }
```

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

Here you see how a box with a 4 pixel #14FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14FF66; -webkit-box-shadow:4px 4px  
4px 4px #14FF66; box-shadow:4px 4px 4px  
4px #14FF66 }
```

Background

The CSS property to change the background color of an element to Hex 14FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14FF66 }
```

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

```
.background{ background-color:#14FF66 }
```

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