

Converting Colors

Hex(14FF2F)

Have a look what the booklet for
Hex(14FF2F) contains.

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Color

Hex(14FF2F)

Conversions

Conversions Part 1

Format	Color
Hex	14FF2F
RGB	20, 255, 47
RGB Percent	8%, 100%, 18%
CMY	0.9216, 0.0000, 0.8157
CMYK	0.92, 0.00, 0.82, 0.00
HSL	127°, 100%, 54%
HSV	127°, 92%, 100%
XYZ	36.5616, 71.8740, 14.6354
YIQ	161.0230, -73.2920, -114.5080

Conversions

Conversions Part 2

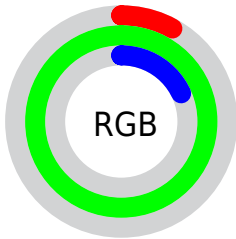
Format	Color
R _Y B	20, 231, 255
Decimal	1376047
CIE Lab	87.91, -84.24, 76.70
CIE LCh	88, 113.931, 137.683
Yxy	71.8740, 0.2971, 0.5840
Android (android.graphics.Color)	4279566127 (0xFF14FF2F)
YUV	161.0230, -56.2133, -123.6772
Hunter-Lab	84.7785, -71.3825, 49.1097

Details

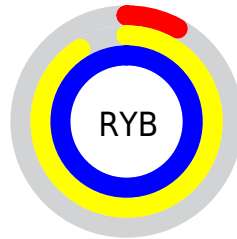
The Hex color **14FF2F** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **FF14E4**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **7AFF6F**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF1D**, and if you desaturate by 10%, it is **2EFF46**.

Distribution



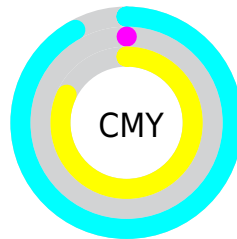
- Red (8%)
- Green (100%)
- Blue (18%)



- Red (8%)
- Yellow (91%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (92%)
- Magenta (0%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14FF2F 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 14FF2F by changing the saturation by 10% instead.

 14FF2F

 14FF2F

FFFFFF

 00E100

 7AFF6F

 00C400

 9DFF8C

 00A800

 BFFFAA

 008C00

 DFFFC7

 007100

 FFFFE5

 005600

 003D00

 002300

 000000

 14FF2F

 14FF2F

 00FF1D

 2EFF46

 47FF5C

 61FF73

 7AFF89

 93FFA0

 ADFFB6

 C7FFCD

 E0FFE4

 FAFFFA

Harmonies

Analogous

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



CDEB00



14FF2F



00FFAA

Triad

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



14FF2F



00F7FF



FF57A2

Complementary

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



14FF2F



FF14E4

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.



FF5CFF



14FF2F



3DD4FF

Square

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



14FF2F



00FFFF



FF9CFF



FF9236

Rectangle

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



14FF2F



00FFF7



FF9CFF



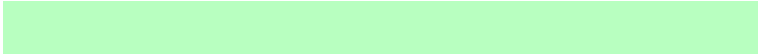
FF4DC6

Sweetspot

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



14FF2F



B8FFC0



E8FF14



548059



000000



808080

Same Dimension

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



14FF2F



00FF1D



14FFA1



738074



00BF16



004007

Inverse Universe

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



FF14E4



FF00E2



FF1472



80737E



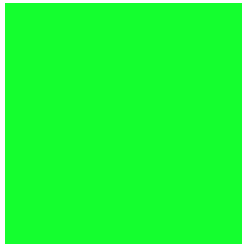
BF00A9



400038

Previews

White Background



This preview shows how the Hex color 14FF2F 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 14FF2F 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

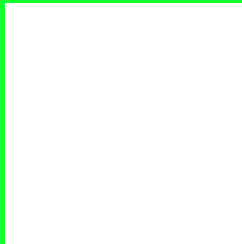
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 14FF2F Background



This preview shows how black text looks on a background with the Hex color 14FF2F.

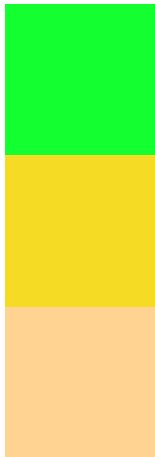


This preview shows how white text looks on a background with the Hex color 14FF2F.

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
14FF2F

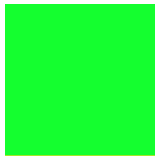
Protanopia
F6DB25

Deuteranopia
FFD392



Tritanopia
73EDFF

Trichromacy



Original Color

14FF2F



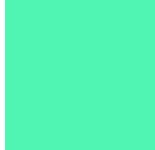
Protanomaly

A4E829



Deuteranomaly

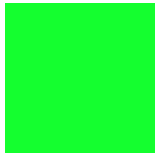
AAE36E



Tritanomaly

50F4B3

Monochromacy



Original Color

14FF2F



Achromatopsia

A1A1A1



Achromatomaly

6EC378

CSS Examples

Text

The CSS property to change the color of the text to Hex 14FF2F 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 #14FF2F looks like.

```
.text, #text, p{  
    color:#14FF2F  
}
```

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 #14FF2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14FF2F
}
```

Border

The CSS property to change the border of an element to Hex 14FF2F 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
#14FF2F }
```

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

```
.border{ border-color:#14FF2F }
```

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

Here you see how a box with a 4 pixel #14FF2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14FF2F; -webkit-box-shadow:4px 4px  
4px 4px #14FF2F; box-shadow:4px 4px 4px  
4px #14FF2F }
```

Background

The CSS property to change the background color of an element to Hex 14FF2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14FF2F }
```

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

```
.background{ background-color:#14FF2F }
```

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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