

Converting Colors

Hex(4CFF14)

Have a look what the booklet for
Hex(4CFF14) contains.

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Color

Hex(4CFF14)

Conversions

Conversions Part 1

Format	Color
Hex	4CFF14
RGB	76, 255, 20
RGB Percent	30%, 100%, 8%
CMY	0.7020, 0.0000, 0.9216
CMYK	0.70, 0.00, 0.92, 0.00
HSL	106°, 100%, 54%
HSV	106°, 92%, 100%
XYZ	38.8668, 73.1070, 12.7244
YIQ	174.6890, -31.2490, -111.0330

Conversions

Conversions Part 2

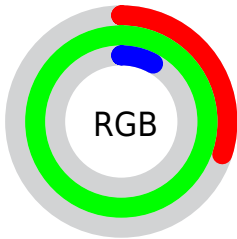
Format	Color
R_{YB}	20, 255, 199
Decimal	5046036
CIE _{Lab}	88.50, -79.30, 82.39
CIE _{LCh}	88, 114.355, 133.907
Yxy	73.1070, 0.3117, 0.5863
Android (android.graphics.Color)	4283236116 (0xFF4CFF14)
YUV	174.6890, -76.2617, -86.5503
Hunter-Lab	85.5026, -68.4892, 51.0284

Details

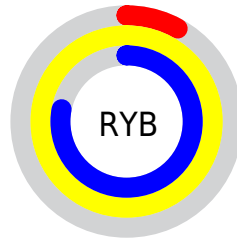
The Hex color **4CFF14** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **C714FF**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **95FF62**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **3DFF00**, and if you desaturate by 10%, it is **5FFF2E**.

Distribution



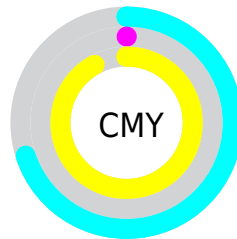
- Red (30%)
- Green (100%)
- Blue (8%)



- Red (8%)
- Yellow (100%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (92%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CFF14 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 4CFF14 by changing the saturation by 10% instead.

 4CFF14

 4CFF14

FFFFFF

 0AE200

 95FF62

 00C500

 B6FF80

 00A800

 D6FF9E

 008D00

 F6FFBB

 007200

 FFFFD9

 005700

 FFFFF8

 003F00

 002400

 000000

 4CFF14

 4CFF14

 3DFF00

 5FFF2E

 73FF47

 86FF61

 9AFF7A

 AFFF93

 C1FFAD

 D4FFC7

 E7FFE0

 FBFFFA

Harmonies

Analogous

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



DCE900



4CFF14



00FF9D

Triad

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



4CFF14



00BFF



FF54B1

Complementary

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



4CFF14



C714FF

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.



FF65FF



4CFF14



00DBFF

Square

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



4CFF14



00FFFF



FFA5FF



FF8C47

Rectangle

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



4CFF14



00FFEA



FFA5FF



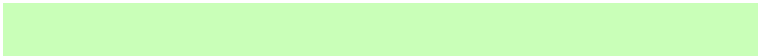
FF4DD5

Sweetspot

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



4CFF14



C9FFB8



FFC414



5E8054



000000



808080

Same Dimension

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



4CFF14



3DFF00



14FF4F



768073



2EBF00



0F4000

Inverse Universe

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



C714FF



C200FF



FF14C4



7C7380



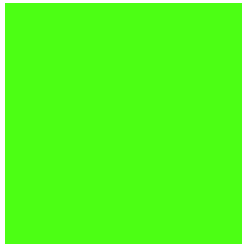
9200BF



310040

Previews

White Background



This preview shows how the Hex color 4CFF14 looks on a white background.

Color Contrast Check

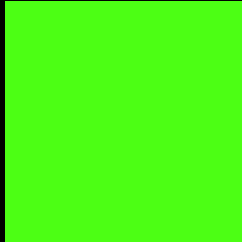
Large Text (above 18pt) WCAG AA × Fail

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 4CFF14 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

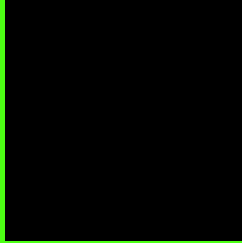
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

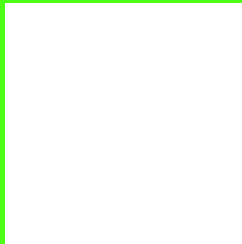
Any Text WCAG AAA ✓ Pass

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

Hex 4CFF14 Background



This preview shows how black text looks on a background with the Hex color 4CFF14.



This preview shows how white text looks on a background with the Hex color 4CFF14.

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](#).

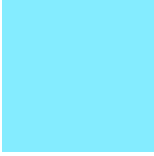
Dichromacy



Original Color
E67E22

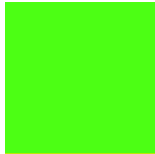
Protanopia
F8DD00

Deuteranopia
FFD59F



Tritanopia
84ECFF

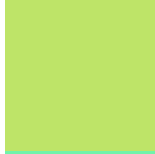
Trichromacy



Original Color
4CFF14



Protanomaly
B9E907

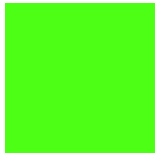


Deuteranomaly
BEE468

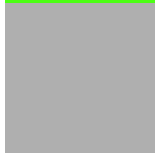


Tritanomaly
70F3AA

Monochromacy



Original Color
4CFF14



Achromatopsia
AFAFAF



Achromatomaly
8BCC77

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CFF14 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 #4CFF14 looks like.

```
.text, #text, p{  
    color:#4CFF14  
}
```

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 #4CFF14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CFF14
}
```

Border

The CSS property to change the border of an element to Hex 4CFF14 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
#4CFF14 }
```

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

```
.border{ border-color:#4CFF14 }
```

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

Here you see how a box with a 4 pixel #4CFF14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CFF14; -webkit-box-shadow:4px 4px  
4px 4px #4CFF14; box-shadow:4px 4px 4px  
4px #4CFF14 }
```

Background

The CSS property to change the background color of an element to Hex 4CFF14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CFF14 }
```

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

```
.background{ background-color:#4CFF14 }
```

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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