

Converting Colors

Hex(57FF14)

Have a look what the booklet for
Hex(57FF14) contains.

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Color

Hex(57FF14)

Conversions

Conversions Part 1

Format	Color
Hex	57FF14
RGB	87, 255, 20
RGB Percent	34%, 100%, 8%
CMY	0.6588, 0.0000, 0.9216
CMYK	0.66, 0.00, 0.92, 0.00
HSL	103°, 100%, 54%
HSV	103°, 92%, 100%
XYZ	39.8167, 73.5967, 12.7689
YIQ	177.9780, -24.6930, -108.7010

Conversions

Conversions Part 2

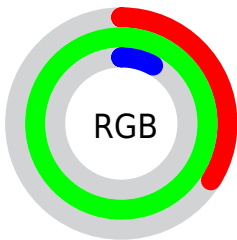
Format	Color
R_{YB}	20, 255, 188
Decimal	5766932
CIE _{Lab}	88.73, -77.31, 82.68
CIE _{LCh}	89, 113.190, 133.078
Yxy	73.5967, 0.3155, 0.5833
Android (android.graphics.Color)	4283957012 (0xFF57FF14)
YUV	177.9780, -77.8832, -79.7877
Hunter-Lab	85.7885, -67.2834, 51.2272

Details

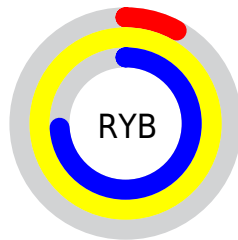
The Hex color **57FF14** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed green. A complement of this color would be **BC14FF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9DFF62**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **49FF00**, and if you desaturate by 10%, it is **69FF2E**.

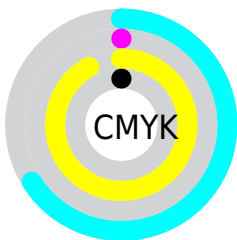
Distribution



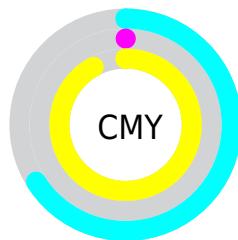
- Red (34%)
- Green (100%)
- Blue (8%)



- Red (8%)
- Yellow (100%)
- Blue (74%)



- Cyan (66%)
- Magenta (0%)
- Yellow (92%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57FF14 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 57FF14 by changing the saturation by 10% instead.

 57FF14

 57FF14

FFFFFF

 28E200

 9DFF62

 00C500

 BDFF80

 00A800

 DDFF9E

 008D00

 FDFDBC

 007200

 FFFFD9

 005700

 FFFFF8

 003F00

 002500

 000000

 57FF14

 57FF14

 49FF00

 69FF2E

 7BFF47

 8EFF61

 A0FF7A

 B2FF93

 C4FFAD

 D7FFC7

 E9FFE0

 FBFFFA

Harmonies

Analogous

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



E0E900



57FF14



00FF9B

Triad

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



57FF14



00FCFF



FF57B5

Complementary

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



57FF14



BC14FF

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.



FF6AFF



57FF14



00DDFF

Square

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



57FF14



00FFFF



FFA9FF



FF8C4C

Rectangle

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



57FF14



00FE7



FFA9FF



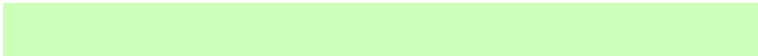
FF53D9

Sweetspot

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



57FF14



CCFFB8



FFB914



618054



000000



808080

Same Dimension

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



57FF14



49FF00



14FF43



768073



37BF00



124000

Inverse Universe

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



BC14FF



B600FF



FF14D0



7C7380



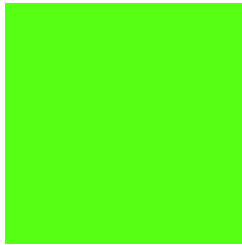
8900BF



2E0040

Previews

White Background



This preview shows how the Hex color 57FF14 looks on a white background.

Color Contrast Check

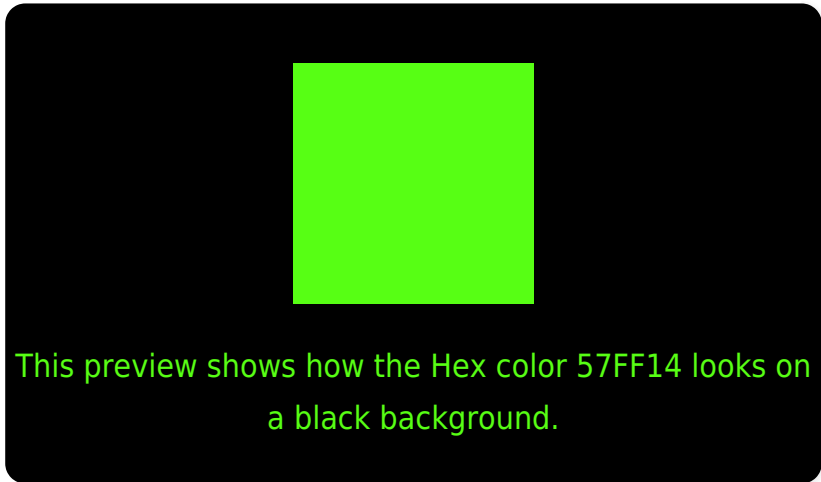
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

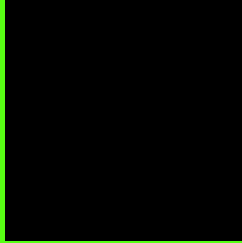
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

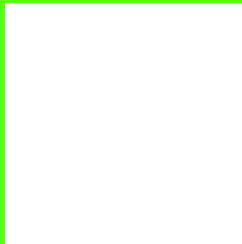
Any Text WCAG AAA ✓ Pass

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

Hex 57FF14 Background



This preview shows how black text looks on a background with the Hex color 57FF14.



This preview shows how white text looks on a background with the Hex color 57FF14.

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](#).

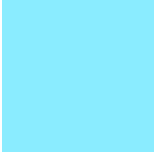
Dichromacy



Original Color
57FF14

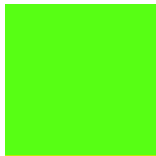
Protanopia
F9DD00

Deuteranopia
FFD66A



Tritanopia
8AECFF

Trichromacy



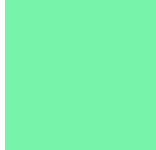
Original Color
57FF14



Protanomaly
BEE907

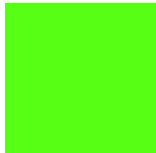


Deuteranomaly
C2E569

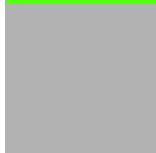


Tritanomaly
77F3AA

Monochromacy



Original Color
57FF14



Achromatopsia
B2B2B2



Achromatomaly
91CE79

CSS Examples

Text

The CSS property to change the color of the text to Hex 57FF14 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 #57FF14 looks like.

```
.text, #text, p{  
    color:#57FF14  
}
```

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 #57FF14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57FF14
}
```

Border

The CSS property to change the border of an element to Hex 57FF14 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
#57FF14 }
```

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

```
.border{ border-color:#57FF14 }
```

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

Here you see how a box with a 4 pixel #57FF14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57FF14; -webkit-box-shadow:4px 4px  
4px 4px #57FF14; box-shadow:4px 4px 4px  
4px #57FF14 }
```

Background

The CSS property to change the background color of an element to Hex 57FF14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57FF14 }
```

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

```
.background{ background-color:#57FF14 }
```

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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