

Converting Colors

Hex(4FFF58)

Have a look what the booklet for
Hex(4FFF58) contains.

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Color

Hex(4FFF58)

Conversions

Conversions Part 1

Format	Color
Hex	4FFF58
RGB	79, 255, 88
RGB Percent	31%, 100%, 35%
CMY	0.6902, 0.0000, 0.6549
CMYK	0.69, 0.00, 0.65, 0.00
HSL	123°, 100%, 65%
HSV	123°, 69%, 100%
XYZ	40.7459, 73.8868, 21.3466
YIQ	183.3380, -51.2890, -89.2490

Conversions

Conversions Part 2

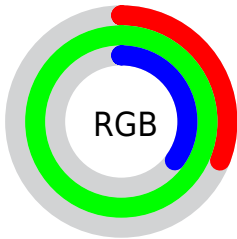
Format	Color
RYB	79, 246, 255
Decimal	5242712
CIELab	88.87, -75.01, 64.62
CIELCh	89, 99.010, 139.255
Yxy	73.8868, 0.2996, 0.5434
Android (android.graphics.Color)	4283432792 (0xFF4FFF58)
YUV	183.3380, -47.0016, -91.5044
Hunter-Lab	85.9575, -65.8123, 45.4462

Details

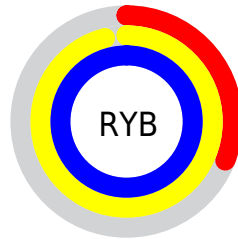
The Hex color **4FFF58** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **FF4FF6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **95FF90**, and **00C518** is the 20% darker color. If you saturate the color by 10%, you get **36FF40**, and if you desaturate by 10%, it is **69FF70**.

Distribution



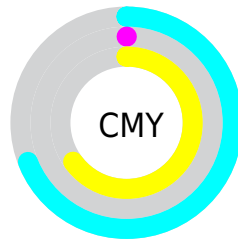
- Red (31%)
- Green (100%)
- Blue (35%)



- Red (31%)
- Yellow (96%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FFF58 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 4FFF58 by changing the saturation by 10% instead.

 4FFF58

 4FFF58

FFFFFF

 1BE23B


 95FF90

 00C518

 B5FFAD

 00A800

 D4FFC9

 008D00

 F4FFE7

 007200

 005700

 003F00

 002500

 000000

 4FFF58

 4FFF58

 36FF40

 69FF70

 1CFF28

 82FF88

 03FF0F

 9CFFA1

 00FF0D

 B5FFB9

 CFFFD1

 E8FFE9

FFFFFF

Harmonies

Analogous

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



D1ED00



4FFF58



00FFB9

Triad

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



4FFF58



00F4FF



FF7EA7

Complementary

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



4FFF58



FF4FF6

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.



FF7EFF



4FFF58



8ED5FF

Square

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



4FFF58



00FFFF



FFA8FF



FFA54F

Rectangle

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



4FFF58



00FFFB



FFA8FF



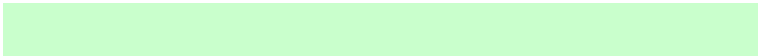
FF78C6

Sweetspot

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



4FFF58



C9FFCC



F6FF4F



608061



000000



808080

Same Dimension

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



4FFF58



2BFF36



4FFF80



738073



00BF0A



004003

Inverse Universe

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



FF4FF6



FF2BF4



FF4F9E



80737F



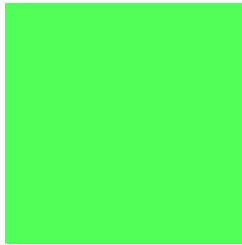
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color 4FFF58 looks on a white background.

Color Contrast Check

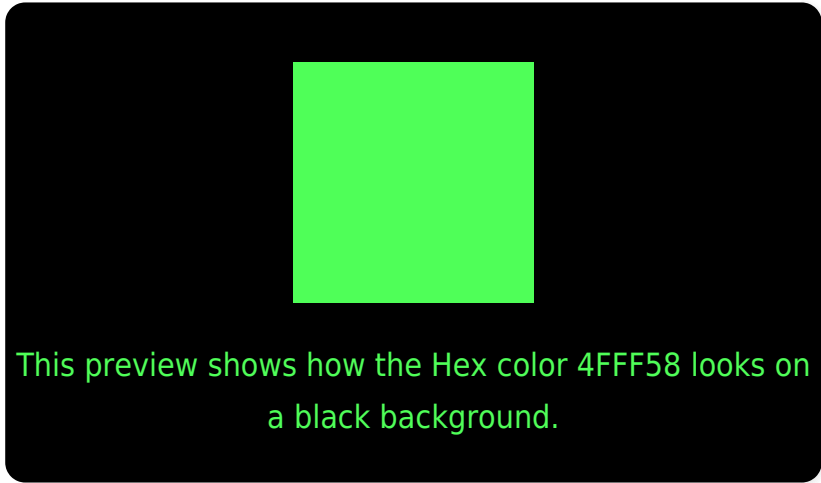
Large Text (above 18pt) WCAG AA × Fail

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

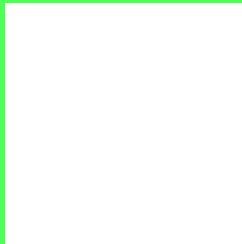
Any Text WCAG AAA ✓ Pass

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

Hex 4FFF58 Background



This preview shows how black text looks on a background with the Hex color 4FFF58.

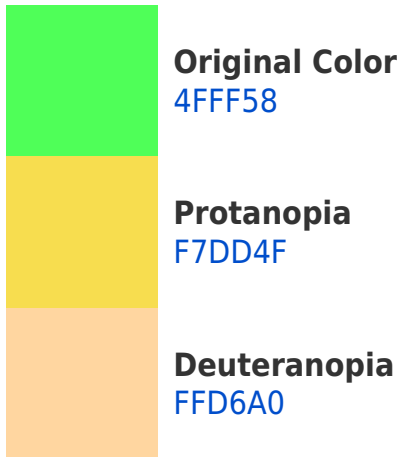


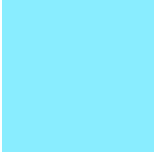
This preview shows how white text looks on a background with the Hex color 4FFF58.

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](#).

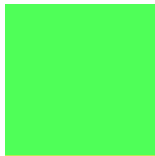
Dichromacy





Tritanopia
89EDFF

Trichromacy



Original Color
4FFF58



Protanomaly
BAE952

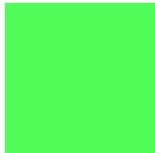


Deuteranomaly
BFE586

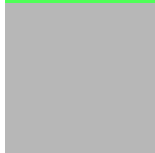


Tritanomaly
74F4C2

Monochromacy



Original Color
4FFF58



Achromatopsia
B7B7B7



Achromatomaly
91D194

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FFF58 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 #4FFF58 looks like.

```
.text, #text, p{  
    color:#4FFF58  
}
```

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 #4FFF58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FFF58
}
```

Border

The CSS property to change the border of an element to Hex 4FFF58 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
#4FFF58 }
```

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

```
.border{ border-color:#4FFF58 }
```

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

Here you see how a box with a 4 pixel #4FFF58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FFF58; -webkit-box-shadow:4px 4px  
4px 4px #4FFF58; box-shadow:4px 4px 4px  
4px #4FFF58 }
```

Background

The CSS property to change the background color of an element to Hex 4FFF58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FFF58 }
```

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

```
.background{ background-color:#4FFF58 }
```

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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