

Converting Colors

Hex(48FF5D)

Have a look what the booklet for
Hex(48FF5D) contains.

Hex(48FF5D)	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(48FF5D)

Conversions

Conversions Part 1

Format	Color
Hex	48FF5D
RGB	72, 255, 93
RGB Percent	28%, 100%, 36%
CMY	0.7176, 0.0000, 0.6353
CMYK	0.72, 0.00, 0.64, 0.00
HSL	127°, 100%, 64%
HSV	127°, 72%, 100%
XYZ	40.4083, 73.6880, 22.4494
YIQ	181.8150, -57.0660, -89.1780

Conversions

Conversions Part 2

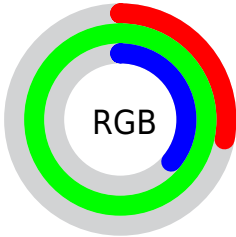
Format	Color
RYB	72, 236, 255
Decimal	4783965
CIELab	88.77, -75.65, 62.49
CIELCh	89, 98.125, 140.441
Yxy	73.6880, 0.2959, 0.5397
Android (android.graphics.Color)	4282974045 (0xFF48FF5D)
YUV	181.8150, -43.7858, -96.3078
Hunter-Lab	85.8417, -66.1977, 44.5836

Details

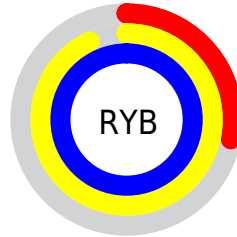
The Hex color **48FF5D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **FF48EA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **90FF95**, and **00C521** is the 20% darker color. If you saturate the color by 10%, you get **2FFF46**, and if you desaturate by 10%, it is **62FF74**.

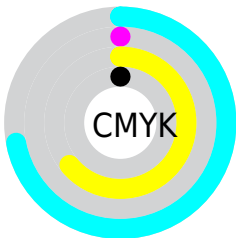
Distribution



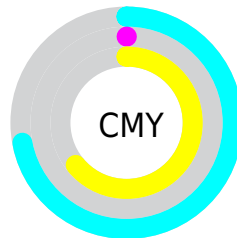
- Red (28%)
- Green (100%)
- Blue (36%)



- Red (28%)
- Yellow (93%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48FF5D 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 48FF5D by changing the saturation by 10% instead.

 48FF5D

 48FF5D

FFFFFF

 02E241


 90FF95

 00C521

 B0FFB1

 00A800

 D0FFCE

 008D00

 F0FFEB

 007200

 005700

 003F00

 002500

 000000

 48FF5D

 48FF5D

 2FFF46

 62FF74

 15FF30

 7BFF8A

 00FF1D

 94FFA1

 AEFFB7

 C8FFCE

 E1FFE4

 FBFFF3

FFFFFF

Harmonies

Analogous

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



CDED00



48FF5D



00FFBD

Triad

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



48FF5D



00F3FF



FF80A4

Complementary

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



48FF5D



FF48EA

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.



FF7FFF



48FF5D



99D3FF

Square

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



48FF5D



00FFFF



FFA6FF



FFA74D

Rectangle

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



48FF5D



00FFFE



FFA6FF



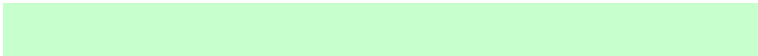
FF7AC2

Sweetspot

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



48FF5D



C7FFCD



EDFF48



5E8062



000000



808080

Same Dimension

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



48FF5D



24FF3D



48FFB6



738074



00BF16



004007

Inverse Universe

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



FF48EA



FF24E6



FF4891



80737E



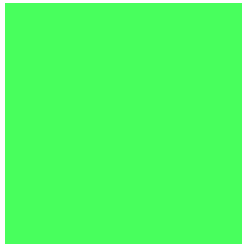
BF00A9



400038

Previews

White Background



This preview shows how the Hex color 48FF5D looks on a white background.

Color Contrast Check

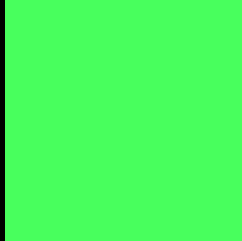
Large Text (above 18pt) WCAG AA × Fail

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 48FF5D 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 48FF5D Background



This preview shows how black text looks on a background with the Hex color 48FF5D.

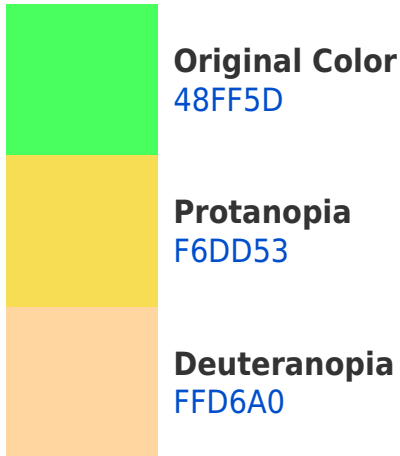


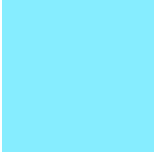
This preview shows how white text looks on a background with the Hex color 48FF5D.

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
86EDFF

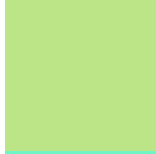
Trichromacy



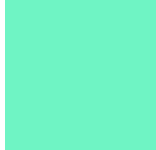
Original Color
48FF5D



Protanomaly
B7E957

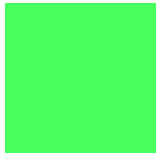


Deuteranomaly
BCE588

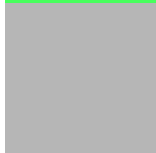


Tritanomaly
6FF4C4

Monochromacy



Original Color
48FF5D



Achromatopsia
B6B6B6



Achromatomaly
8ED196

CSS Examples

Text

The CSS property to change the color of the text to Hex 48FF5D 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 #48FF5D looks like.

```
.text, #text, p{  
    color:#48FF5D  
}
```

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 #48FF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48FF5D
}
```

Border

The CSS property to change the border of an element to Hex 48FF5D 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
#48FF5D }
```

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

```
.border{ border-color:#48FF5D }
```

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

Here you see how a box with a 4 pixel #48FF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48FF5D; -webkit-box-shadow:4px 4px  
4px 4px #48FF5D; box-shadow:4px 4px 4px  
4px #48FF5D }
```

Background

The CSS property to change the background color of an element to Hex 48FF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48FF5D }
```

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

```
.background{ background-color:#48FF5D }
```

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