

Converting Colors

Hex(48FF2B)

Have a look what the booklet for
Hex(48FF2B) contains.

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Color

Hex(48FF2B)

Conversions

Conversions Part 1

Format	Color
Hex	48FF2B
RGB	72, 255, 43
RGB Percent	28%, 100%, 17%
CMY	0.7176, 0.0000, 0.8314
CMYK	0.72, 0.00, 0.83, 0.00
HSL	112°, 100%, 58%
HSV	112°, 83%, 100%
XYZ	38.8685, 73.0721, 14.3413
YIQ	176.1150, -41.0160, -104.7280

Conversions

Conversions Part 2

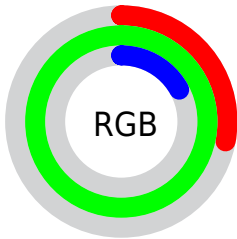
Format	Color
RYB	43, 255, 226
Decimal	4783915
CIELab	88.48, -79.23, 78.38
CIELCh	88, 111.448, 135.307
Yxy	73.0721, 0.3078, 0.5786
Android (android.graphics.Color)	4282973995 (0xFF48FF2B)
YUV	176.1150, -65.6257, -91.3089
Hunter-Lab	85.4822, -68.4305, 49.8906




Details

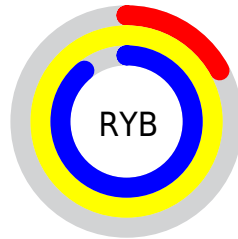
The Hex color **48FF2B** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E22BFF**, and the grayscale version is **B1B1B1**.


A 20% lighter version of the original color is **92FF6D**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **32FF12**, and if you desaturate by 10%, it is **5EFF45**.

Distribution







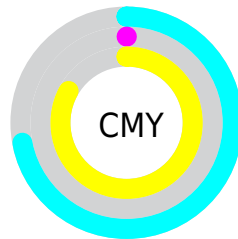
-  Red (28%)
-  Green (100%)
-  Blue (17%)






-  Red (17%)
-  Yellow (100%)
-  Blue (89%)



-  Cyan (72%)
-  Magenta (0%)
-  Yellow (83%)
-  Black (0%)



-  Cyan (72%)
-  Magenta (0%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48FF2B 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 48FF2B by changing the saturation by 10% instead.

 48FF2B

 48FF2B

FFFFFF

 00E200

 92FF6D

 00C500

 B2FF8A

 00A800

 D3FFA8

 008D00

 F3FFC5

 007100

 FFFFE3

 005700

 003F00

 002400

 000000

 48FF2B

 48FF2B

 32FF12

 5EFF45

 23FF00

 74FF5E

 8AFF78

 A0FF91

 B6FFAB

 CCFFC4

 E2FFDE

 F8FFF7

FFFFFF

Harmonies

Analogous

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



D8EA00



48FF2B



00FFA4

Triad

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



48FF2B



00F9FF



FF5EAD

Complementary

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



48FF2B



E2BFF

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.



FF69FF



48FF2B



00D9FF

Square

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



48FF2B



00FFFF



FFA5FF



FF9246

Rectangle

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



48FF2B



00FFEF



FFA5FF



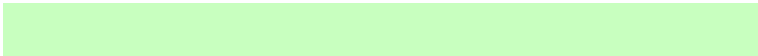
FF57D0

Sweetspot

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



48FF2B



C8FFBF



FFDF2B



5E8059



000000



808080

Same Dimension

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



48FF2B



23FF00



2BFF75



748073



1ABF00



094000

Inverse Universe

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



E22BFF



DC00FF



FF2BB5



7E7380



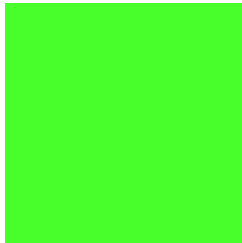
A500BF



370040

Previews

White Background



This preview shows how the Hex color 48FF2B looks on a white background.

Color Contrast Check

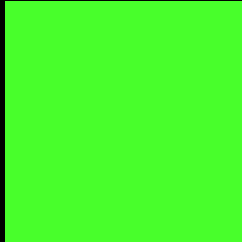
Large Text (above 18pt) WCAG AA × Fail

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 48FF2B 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

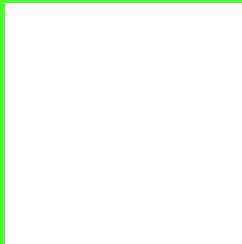
Any Text WCAG AAA ✓ Pass

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

Hex 48FF2B Background



This preview shows how black text looks on a background with the Hex color 48FF2B.

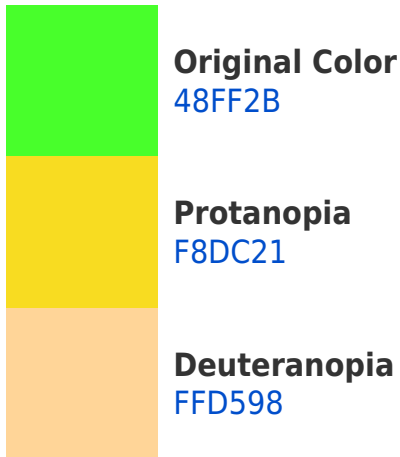


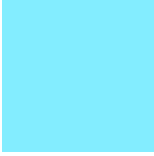
This preview shows how white text looks on a background with the Hex color 48FF2B.

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](#).

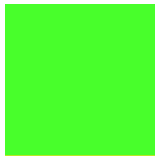
Dichromacy





Tritanopia
83EDFF

Trichromacy



Original Color
48FF2B



Protanomaly
B8E925



Deuteranomaly
BCE470

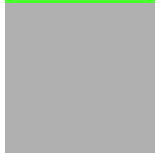


Tritanomaly
6EF4B2

Monochromacy



Original Color
48FF2B



Achromatopsia
B0B0B0



Achromatomaly
8ACD80

CSS Examples

Text

The CSS property to change the color of the text to Hex 48FF2B 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 #48FF2B looks like.

```
.text, #text, p{  
    color:#48FF2B  
}
```

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 #48FF2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48FF2B
}
```

Border

The CSS property to change the border of an element to Hex 48FF2B 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
#48FF2B }
```

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

```
.border{ border-color:#48FF2B }
```

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

Here you see how a box with a 4 pixel #48FF2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48FF2B; -webkit-box-shadow:4px 4px  
4px 4px #48FF2B; box-shadow:4px 4px 4px  
4px #48FF2B }
```

Background

The CSS property to change the background color of an element to Hex 48FF2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48FF2B }
```

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

```
.background{ background-color:#48FF2B }
```

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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