

Converting Colors

Hex(47FF45)

Have a look what the booklet for
Hex(47FF45) contains.

Hex(47FF45)	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(47FF45)

Conversions

Conversions Part 1

Format	Color
Hex	47FF45
RGB	71, 255, 69
RGB Percent	28%, 100%, 27%
CMY	0.7216, 0.0000, 0.7294
CMYK	0.72, 0.00, 0.73, 0.00
HSL	119°, 100%, 64%
HSV	119°, 73%, 100%
XYZ	39.4327, 73.2893, 17.6982
YIQ	178.7800, -49.9580, -96.8540

Conversions

Conversions Part 2

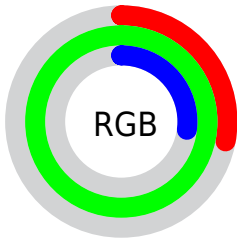
Format	Color
RYB	69, 255, 253
Decimal	4718405
CIELab	88.59, -77.88, 71.17
CIELCh	89, 105.505, 137.579
Yxy	73.2893, 0.3024, 0.5619
Android (android.graphics.Color)	4282908485 (0xFF47FF45)
YUV	178.7800, -54.1215, -94.5231
Hunter-Lab	85.6091, -67.5965, 47.6693

Details

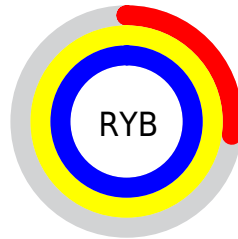
The Hex color **47FF45** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FD45FF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **90FF80**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **2EFF2B**, and if you desaturate by 10%, it is **60FF5E**.

Distribution



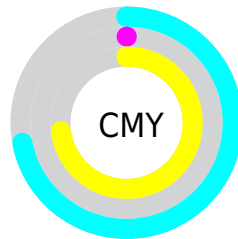
- Red (28%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (99%)



- Cyan (72%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47FF45 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 47FF45 by changing the saturation by 10% instead.

 47FF45

 47FF45

FFFFFF

 00E222


 90FF80

 00C500

 B1FF9C

 00A800

 D1FFB9

 008D00

 F1FFD7

 007200

 FFFFF4

 005700

 003F00

 002400

 000000

 47FF45

 47FF45

 2EFF2B

 60FF5E

 15FF12

 79FF78

 03FF00

 93FF92

 ACFFAB

 C5FFC4

 DEFFDE

 F8FFF7

FFFFFF

Harmonies

Analogous

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



D3EC00



47FF45



00FFB0

Triad

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



47FF45



00F6FF



FF6FA8

Complementary

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



47FF45



FD45FF

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.



FF73FF



47FF45



69D6FF

Square

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



47FF45



00FFFF



FFA5FF



FF9C48

Rectangle

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



47FF45



00FFF6



FFA5FF



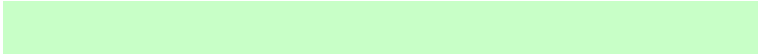
FF68C9

Sweetspot

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



47FF45



C8FFC7



FFFC45



5F805E



000000



808080

Same Dimension

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



47FF45



21FF1F



45FF9F



738073



02BF00



014000

Inverse Universe

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



FD45FF



FD1FFF



FF45A5



7F7380



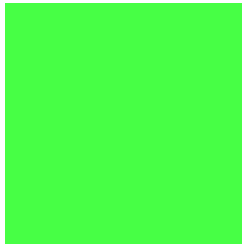
BD00BF



3F0040

Previews

White Background



This preview shows how the Hex color 47FF45 looks on a white background.

Color Contrast Check

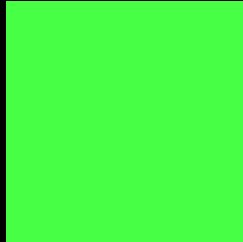
Large Text (above 18pt) WCAG AA × Fail

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 47FF45 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 47FF45 Background



This preview shows how black text looks on a background with the Hex color 47FF45.

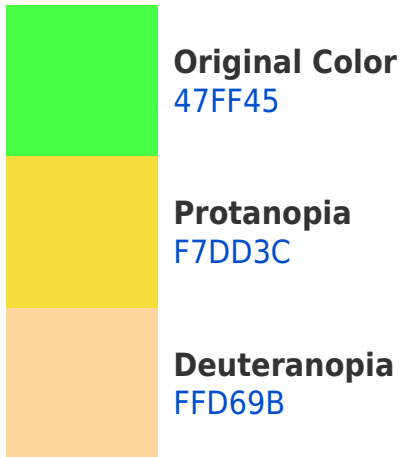


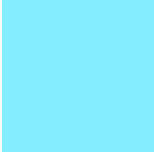
This preview shows how white text looks on a background with the Hex color 47FF45.

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](#).

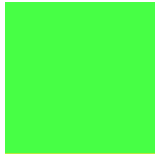
Dichromacy





Tritanopia
84EDFF

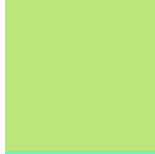
Trichromacy



Original Color
47FF45



Protanomaly
B7E93F

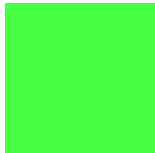


Deuteranomaly
BCE57C

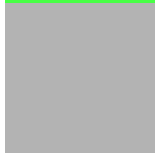


Tritanomaly
6EF4BB

Monochromacy



Original Color
47FF45



Achromatopsia
B3B3B3



Achromatomaly
8CCF8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 47FF45 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 #47FF45 looks like.

```
.text, #text, p{  
    color:#47FF45  
}
```

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 #47FF45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47FF45
}
```

Border

The CSS property to change the border of an element to Hex 47FF45 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
#47FF45 }
```

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

```
.border{ border-color:#47FF45 }
```

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

Here you see how a box with a 4 pixel #47FF45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47FF45; -webkit-box-shadow:4px 4px  
4px 4px #47FF45; box-shadow:4px 4px 4px  
4px #47FF45 }
```

Background

The CSS property to change the background color of an element to Hex 47FF45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47FF45 }
```

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

```
.background{ background-color:#47FF45 }
```

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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