

Converting Colors

Hex(45FA45)

Have a look what the booklet for
Hex(45FA45) contains.

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Color

Hex(45FA45)

Conversions

Conversions Part 1

Format	Color
Hex	45FA45
RGB	69, 250, 69
RGB Percent	27%, 98%, 27%
CMY	0.7294, 0.0196, 0.7294
CMYK	0.72, 0.00, 0.72, 0.02
HSL	120°, 95%, 63%
HSV	120°, 72%, 98%
XYZ	37.7140, 70.0661, 17.1666
YIQ	175.2470, -49.7750, -94.6630

Conversions

Conversions Part 2

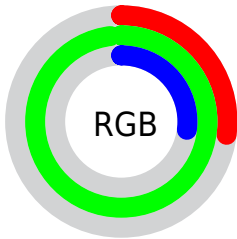
Format	Color
RYB	69, 250, 250
Decimal	4586053
CIELab	87.03, -76.68, 69.59
CIElCh	87, 103.548, 137.773
Yxy	70.0661, 0.3018, 0.5608
Android (android.graphics.Color)	4282776133 (0xFF45FA45)
YUV	175.2470, -52.3798, -93.1786
Hunter-Lab	83.7055, -66.0603, 46.4345

Details

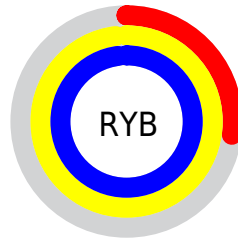
The Hex color **45FA45** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FA45FA**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8EFF7F**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **2CFA2C**, and if you desaturate by 10%, it is **5EFA5E**.

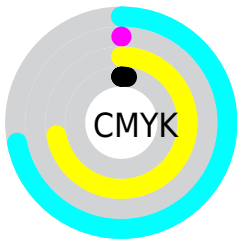
Distribution



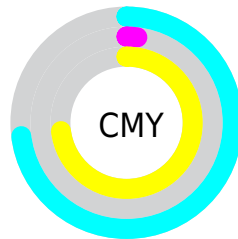
- Red (27%)
- Green (98%)
- Blue (27%)



- Red (27%)
- Yellow (98%)
- Blue (98%)



- Cyan (72%)
- Magenta (0%)
- Yellow (72%)
- Black (2%)



- Cyan (73%)
- Magenta (2%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45FA45 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 45FA45 by changing the saturation by 10% instead.

 45FA45

FFFFFF

 8EFF7F

 AEFF9C

 CEFFB8

 EEFFD6

 FFFFF3

 45FA45

 00DD23

 00C000

 00A400

 008800

 006D00

 005300

 003B00

 002000

 000000

 45FA45

 45FA45

 2CFA2C

 5EFA5E

 13FA13

 77FA77

 00FA00

 90FA90

 A9FAA9

 C2FAC2

 DBFADB

 F4FAF4

 FFFAFF

Harmonies

Analogous

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



CEE700



45FA45



00FFAD

Triad

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



45FA45



00F1FF



FF6DA4

Complementary

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



45FA45



FA45FA

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.



FF71FF



45FA45



6AD1FF

Square

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



45FA45



00FFFF



FFA2FF



FF9A47

Rectangle

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



45FA45



00FFF2



FFA2FF



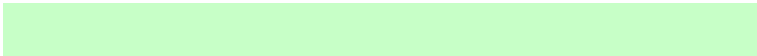
FF67C5

Sweetspot

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



45FA45



C7FFC7



FAFA45



5E805E



000000



808080

Same Dimension

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



45FA45



21FF21



45FAA0



707D70



00BD00



003D00

Inverse Universe

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



FA45FA



FF21FF



FA45A0



7D707D



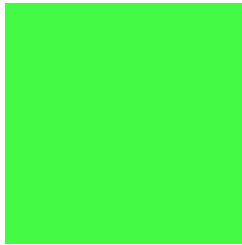
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 45FA45 looks on a white background.

Color Contrast Check

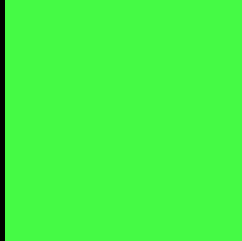
Large Text (above 18pt) WCAG AA × Fail

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 45FA45 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 45FA45 Background



This preview shows how black text looks on a background with the Hex color 45FA45.

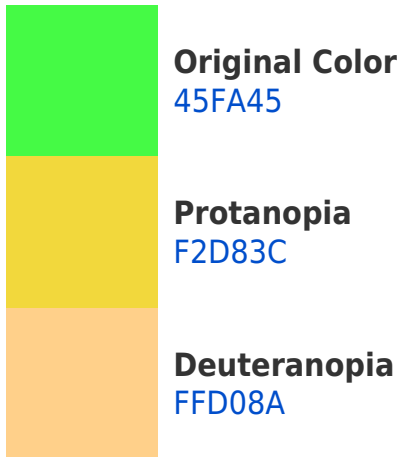


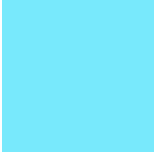
This preview shows how white text looks on a background with the Hex color 45FA45.

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
78E9FC

Trichromacy



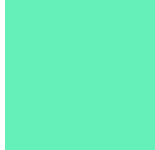
Original Color
45FA45



Protanomaly
B3E43F

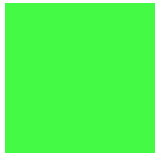


Deuteranomaly
BBDF71



Tritanomaly
65EFB9

Monochromacy



Original Color
45FA45



Achromatopsia
AFAFAF



Achromatomaly
88CA88

CSS Examples

Text

The CSS property to change the color of the text to Hex 45FA45 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 #45FA45 looks like.

```
.text, #text, p{  
    color:#45FA45  
}
```

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 #45FA45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45FA45
}
```

Border

The CSS property to change the border of an element to Hex 45FA45 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
#45FA45 }
```

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

```
.border{ border-color:#45FA45 }
```

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

Here you see how a box with a 4 pixel #45FA45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45FA45; -webkit-box-shadow:4px 4px  
4px 4px #45FA45; box-shadow:4px 4px 4px  
4px #45FA45 }
```

Background

The CSS property to change the background color of an element to Hex 45FA45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45FA45 }
```

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

```
.background{ background-color:#45FA45 }
```

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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