

Converting Colors

Hex(44F30C)

Have a look what the booklet for
Hex(44F30C) contains.

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Color

Hex(44F30C)

Conversions

Conversions Part 1

Format	Color
Hex	44F30C
RGB	68, 243, 12
RGB Percent	27%, 95%, 5%
CMY	0.7333, 0.0471, 0.9529
CMYK	0.72, 0.00, 0.95, 0.05
HSL	105°, 91%, 50%
HSV	105°, 95%, 95%
XYZ	34.5008, 65.3567, 11.1445
YIQ	164.3410, -30.1490, -108.9410

Conversions

Conversions Part 2

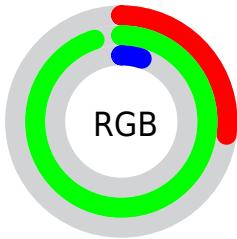
Format	Color
RYB	12, 243, 187
Decimal	4518668
CIELab	84.67, -77.24, 80.01
CIELCh	85, 111.210, 133.991
Yxy	65.3567, 0.3108, 0.5888
Android (android.graphics.Color)	4282708748 (0xFF44F30C)
YUV	164.3410, -75.1041, -84.4911
Hunter-Lab	80.8435, -65.2992, 48.4171

Details

The Hex color **44F30C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark saturated green. A complement of this color would be **BB0CF3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8DFF5D**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **3BF300**, and if you desaturate by 10%, it is **56F324**.

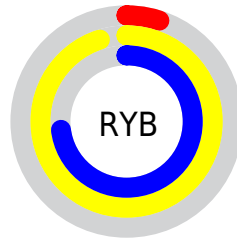
Distribution



Red (27%)

Green (95%)

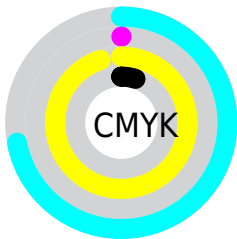
Blue (5%)



Red (5%)

Yellow (95%)

Blue (73%)

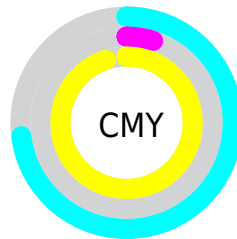


Cyan (72%)

Magenta (0%)

Yellow (95%)

Black (5%)



Cyan (73%)

Magenta (5%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44F30C 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 44F30C by changing the saturation by 10% instead.

 44F30C

 44F30C

FFFFFF

 00D600

 8DFF5D

 00B900

 AEFF7B

 009D00

 CEFF99

 008200

 EEFFB6

 006700

 FFFFD4

 004D00

 FFFFF2

 003400

 001900

 000000

 44F30C

 44F30C

 3BF300

 56F324

 69F33D

 7BF355

 8EF36D

 A0F385

 B2F39E

 C5F3B6

 D7F3CE

 EAF3E7

Harmonies

Analogous

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



D1DE00



44F30C



00FD95

Triad

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



44F30C



00F0FF



FF4CA7

Complementary

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



44F30C



BB0CF3

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.



FF5DFF



44F30C



00D0FF

Square

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



44F30C



00FEFF



FF9CFF



FF8441

Rectangle

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



44F30C



00FFDF



FF9CFF



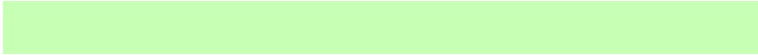
FF45CA

Sweetspot

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



44F30C



C7FFB5



F3B90C



5E8053



000000



808080

Same Dimension

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



44F30C



3EFF00



0CF346



717A6E



2DBA00



0E3B00

Inverse Universe

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



BB0CF3



C100FF



F30CB9



776E7A



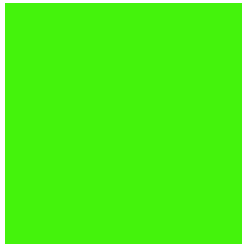
8D00BA



2C003B

Previews

White Background



This preview shows how the Hex color 44F30C looks on a white background.

Color Contrast Check

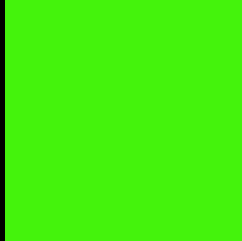
Large Text (above 18pt) WCAG AA × Fail

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 44F30C 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 44F30C Background



This preview shows how black text looks on a background with the Hex color 44F30C.

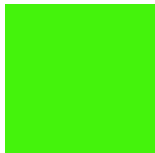


This preview shows how white text looks on a background with the Hex color 44F30C.

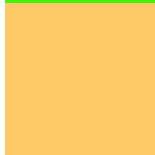
Color Blindness Simulation

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](#).

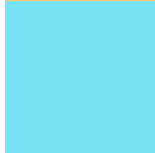
Dichromacy



Original Color
44F30C

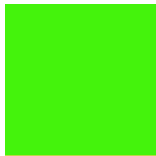


Deuteranopia
FFC867

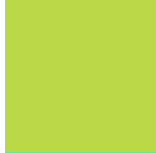


Tritanopia
77E2F4

Trichromacy



Original Color
44F30C

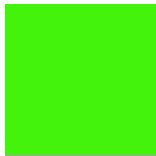


Deuteranomaly
BBD846

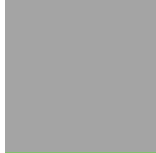


Tritanomaly
64E8A0

Monochromacy



Original Color
44F30C



Achromatopsia
A4A4A4



Achromatomaly
81C16D

CSS Examples

Text

The CSS property to change the color of the text to Hex 44F30C 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 #44F30C looks like.

```
.text, #text, p{  
    color:#44F30C  
}
```

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 #44F30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44F30C
}
```

Border

The CSS property to change the border of an element to Hex 44F30C 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
#44F30C }
```

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

```
.border{ border-color:#44F30C }
```

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

Here you see how a box with a 4 pixel #44F30C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44F30C; -webkit-box-shadow:4px 4px  
4px 4px #44F30C; box-shadow:4px 4px 4px  
4px #44F30C }
```

Background

The CSS property to change the background color of an element to Hex 44F30C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44F30C }
```

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

```
.background{ background-color:#44F30C }
```

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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