

Converting Colors

Hex(44FF0B)

Have a look what the booklet for
Hex(44FF0B) contains.

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Color

Hex(44FF0B)

Conversions

Conversions Part 1

Format	Color
Hex	44FF0B
RGB	68, 255, 11
RGB Percent	27%, 100%, 4%
CMY	0.7333, 0.0000, 0.9569
CMYK	0.73, 0.00, 0.96, 0.00
HSL	106°, 100%, 52%
HSV	106°, 96%, 100%
XYZ	38.2043, 72.7731, 12.3497
YIQ	171.2710, -33.1280, -115.5280

Conversions

Conversions Part 2

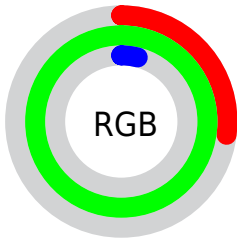
Format	Color
RYB	11, 255, 198
Decimal	4521739
CIELab	88.34, -80.74, 83.08
CIELCh	88, 115.851, 134.179
Yxy	72.7731, 0.3098, 0.5901
Android (android.graphics.Color)	4282711819 (0xFF44FF0B)
YUV	171.2710, -79.0136, -90.5687
Hunter-Lab	85.3072, -69.3474, 51.1318

Details

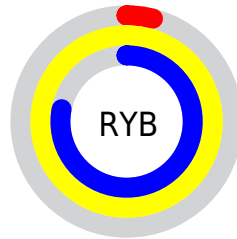
The Hex color **44FF0B** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **C60BFF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **90FF5F**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **3CFF00**, and if you desaturate by 10%, it is **58FF24**.

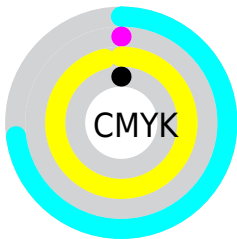
Distribution



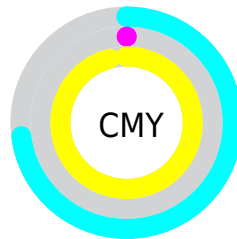
- Red (27%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (78%)



- Cyan (73%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)



- Cyan (73%)
- Magenta (0%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44FF0B 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 44FF0B by changing the saturation by 10% instead.

 44FF0B

 44FF0B

FFFFFF

 00E200

 90FF5F

 00C500

 B1FF7E

 00A800

 D1FF9B

 008C00

 F2FFB9

 007100

 FFFFD7

 005700

 FFFFF5

 003E00

 002400

 000000

 44FF0B

 44FF0B

 3CFF00

 58FF24

 6BFF3E

 7FFF58

 92FF71

 A6FF8B

 B9FFA4

 CDDFFBE

 E0FFD7

 F4FFF1

Harmonies

Analogous

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



DAE900



44FF0B



00FF9D

Triad

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



44FF0B



00FBFF



FF4EAF

Complementary

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



44FF0B



C6BFF

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.



FF60FF



44FF0B



00DAFF

Square

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



44FF0B



00FFFF



FFA3FF



FF8A43

Rectangle

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



44FF0B



00FFEB



FFA3FF



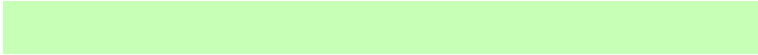
FF47D3

Sweetspot

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



44FF0B



C6FFB5



FFC20B



5D8053



000000



808080

Same Dimension

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



44FF0B



3CFF00



0BFF48



768073



2DBF00



0F4000

Inverse Universe

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



C60BFF



C300FF



FF0BC2



7D7380



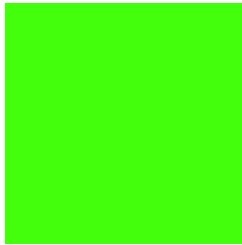
9300BF



310040

Previews

White Background



This preview shows how the Hex color 44FF0B looks on a white background.

Color Contrast Check

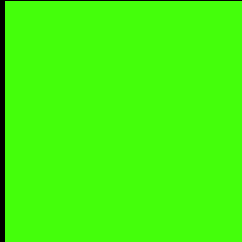
Large Text (above 18pt) WCAG AA × Fail

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 44FF0B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

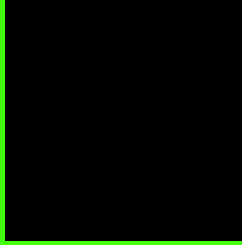
Any Text WCAG AA ✓ Pass

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 44FF0B Background



This preview shows how black text looks on a background with the Hex color 44FF0B.



This preview shows how white text looks on a background with the Hex color 44FF0B.

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](#).

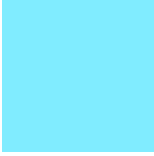
Dichromacy



Original Color
44FF0B

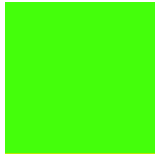
Protanopia
F8DC00

Deuteranopia
FFD596



Tritanopia
80ECFF

Trichromacy



Original Color
44FF0B



Protanomaly
B7E904

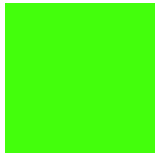


Deuteranomaly
BBE463

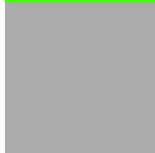


Tritanomaly
6AF3A6

Monochromacy



Original Color
44FF0B



Achromatopsia
ABABAB



Achromatomaly
86CA71

CSS Examples

Text

The CSS property to change the color of the text to Hex 44FF0B 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 #44FF0B looks like.

```
.text, #text, p{  
    color:#44FF0B  
}
```

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 #44FF0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44FF0B
}
```

Border

The CSS property to change the border of an element to Hex 44FF0B 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
#44FF0B }
```

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

```
.border{ border-color:#44FF0B }
```

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

Here you see how a box with a 4 pixel #44FF0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44FF0B; -webkit-box-shadow:4px 4px  
4px 4px #44FF0B; box-shadow:4px 4px 4px  
4px #44FF0B }
```

Background

The CSS property to change the background color of an element to Hex 44FF0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44FF0B }
```

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

```
.background{ background-color:#44FF0B }
```

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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