

# Converting Colors

Hex(44F810)

Have a look what the booklet for  
Hex(44F810) contains.

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**Color**

**Hex(44F810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44F810
RGB	68, 248, 16
RGB Percent	27%, 97%, 6%
CMY	0.7333, 0.0275, 0.9373
CMYK	0.73, 0.00, 0.94, 0.03
HSL	107°, 94%, 52%
HSV	107°, 94%, 97%
XYZ	36.0448, 68.4012, 11.7932
YIQ	167.7320, -32.8080, -110.3120

# Conversions

## Conversions Part 2

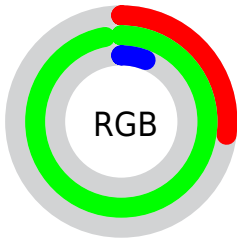
Format	Color
<a href="#">RYB</a>	<a href="#">16, 248, 196</a>
Decimal	<a href="#">4519952</a>
CIELab	<a href="#">86.21, -78.63, 80.88</a>
CIElCh	<a href="#">86, 112.806, 134.192</a>
Yxy	<a href="#">68.4012, 0.3101, 0.5885</a>
Android (android.graphics.Color)	<a href="#">4282710032</a> <a href="#">(0xFF44F810)</a>
YUV	<a href="#">167.7320, -74.8039, -87.4650</a>
Hunter-Lab	<a href="#">82.7050, -66.9391, 49.4391</a>

# Details

The Hex color **44F810** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **C410F8**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8EFF5F**, and **00BE00** is the 20% darker color. If you saturate the color by 10%, you get **38F800**, and if you desaturate by 10%, it is **57F829**.

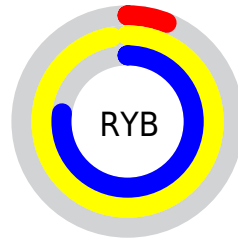
# Distribution



Red (27%)

Green (97%)

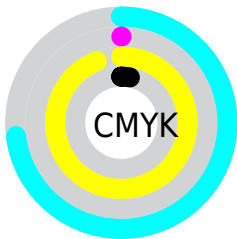
Blue (6%)



Red (6%)

Yellow (97%)

Blue (77%)

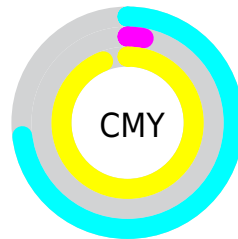


Cyan (73%)

Magenta (0%)

Yellow (94%)

Black (3%)



Cyan (73%)

Magenta (3%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44F810 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 44F810 by changing the saturation by 10% instead.



 44F810

 44F810

FFFFFF

 00DB00

 8EFF5F

 00BE00

 AFFF7D

 00A200

 CFFF9B

 008600

 EFFF8

 006B00

 FFFFD6

 005100

 FFFFF4

 003800

 001E00

 000000

■ 44F810

■ 44F810

■ 38F800

■ 57F829

■ 6AF842

■ 7EF85A

■ 91F873

■ A4F88C

■ B7F8A5

■ CBF8BE

■ DEF8D6

■ F1F8EF

# Harmonies

## Analogous

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



D5E300



44F810



00FF99

# Triad

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



44F810



00F4FF



FF4EAA

# Complementary

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



44F810



C410F8

# 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.



FF5FFF



44F810



00D4FF

# Square

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



44F810



00FFFF



FF9FFF



FF8742

# Rectangle

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



44F810



00FFE4



FF9FFF



FF47CE

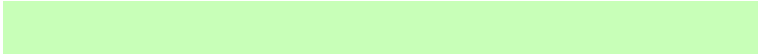


# Sweetspot

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



44F810



C8FFB8



F8C210



5E8054



000000



808080



# Same Dimension

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



44F810



39FF00



10F84E



737D70



2ABD00



0E3D00



# Inverse Universe

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



C410F8



C600FF



F810BA



7A707D



9200BD

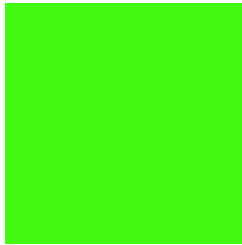


2F003D



# Previews

## White Background



This preview shows how the Hex color 44F810 looks on a white background.

## Color Contrast Check

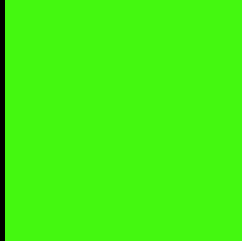
Large Text (above 18pt) WCAG AA × Fail

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 44F810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

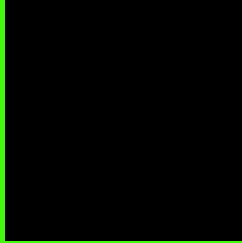
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

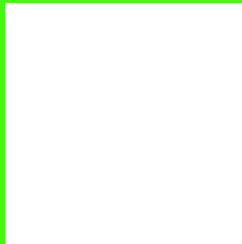
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44F810 Background



This preview shows how black text looks on a background with the Hex color 44F810.

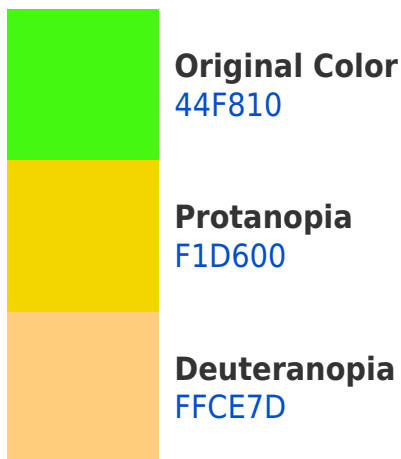


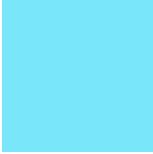
This preview shows how white text looks on a background with the Hex color 44F810.

# 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](#).

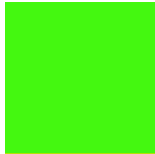
## Dichromacy





**Tritanopia**  
79E7F9

# Trichromacy



**Original Color**  
44F810



**Protanomaly**  
B2E206

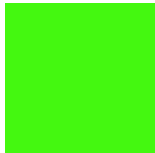


**Deuteranomaly**  
BBDD55

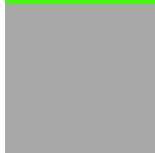


**Tritanomaly**  
66EDA4

# Monochromacy



**Original Color**  
44F810



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
84C571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44F810 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 #44F810 looks like.

```
.text, #text, p{  
    color:#44F810  
}
```

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 #44F810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44F810
}
```

## Border

The CSS property to change the border of an element to Hex 44F810 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
#44F810 }
```

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

```
.border{ border-color:#44F810 }
```

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

Here you see how a box with a 4 pixel #44F810 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44F810; -webkit-box-shadow:4px 4px  
4px 4px #44F810; box-shadow:4px 4px 4px  
4px #44F810 }
```

# Background

The CSS property to change the background color of an element to Hex 44F810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44F810 }
```

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

```
.background{ background-color:#44F810 }
```

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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