

Converting Colors

Hex(FFFF44)

Have a look what the booklet for
Hex(FFFF44) contains.

Hex(FFFF44)	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(FFFF44)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF44
RGB	255, 255, 68
RGB Percent	100%, 100%, 27%
CMY	0.0000, 0.0000, 0.7333
CMYK	0.00, 0.00, 0.73, 0.00
HSL	60°, 100%, 63%
HSV	60°, 73%, 100%
XYZ	78.0434, 93.1974, 19.3444
YIQ	233.6820, 60.0270, -58.1570

Conversions

Conversions Part 2

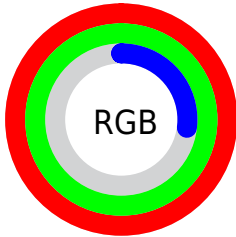
Format	Color
RYB	68, 255, 68
Decimal	16777028
CIELab	97.31, -20.19, 82.92
CIELCh	97, 85.347, 103.684
Yxy	93.1974, 0.4095, 0.4890
Android (android.graphics.Color)	4294967108 (0xFFFFFFFF44)
YUV	233.6820, -81.6812, 18.6959
Hunter-Lab	96.5388, -24.6408, 55.6966

Details

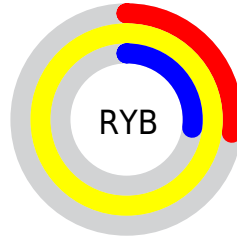
The Hex color **FFFF44** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4444FF**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFF81**, and **C2C700** is the 20% darker color. If you saturate the color by 10%, you get **FFFF2A**, and if you desaturate by 10%, it is **FFFF5D**.

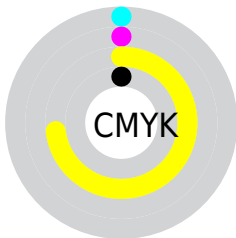
Distribution



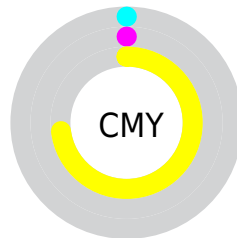
- Red (100%)
- Green (100%)
- Blue (27%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color FFFF44 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 FFFF44 by changing the saturation by 10% instead.

 FFFF44

 FFFF44

FFFFFF

 E0E21D

 FFFF81

 C2C700

 FFFF9E

 A5AB00

 FFFFBB

 879100

 FFFFD9

 6B7700

 FFFFF7

 4F5F00

 334700

 193100

 001D00

 FFFF44

 FFFF44

 FFFF2A

 FFFF5D

 FFFF11

 FFFF77

 FFFF00

 FFFF91

 FFFFAA

 FFFFC3

 FFFFDD

 FFFFF6

FFFFFF

Harmonies

Analogous

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



FFE34E



FFFF44



A1FF78

Triad

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



FFFF44



00FFFF



FFB1FF

Complementary

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



FFFF44



4444FF

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.



FFD1FF



FFFF44



00FFFF

Square

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



FFFF44



00FFFF



9FF4FF



FFABD5

Rectangle

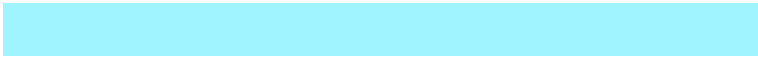
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFFF44



2BFFAA



9FF4FF



FFBAFF

Sweetspot

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



FFFF44



FFFFC7



FF4444



80805E



000000



808080

Same Dimension

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



FFFF44



FFFF1F



A2FF44



808073



BFBF00



404000

Inverse Universe

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



4444FF



1F1FFF



A244FF



737380



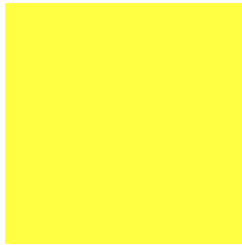
0000BF



000040

Previews

White Background



This preview shows how the Hex color FFFF44 looks on a white background.

Color Contrast Check

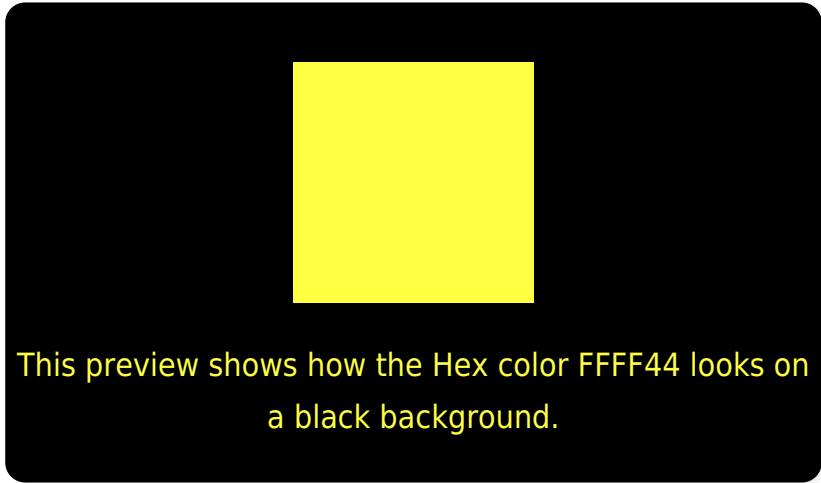
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 FFFF44 Background



This preview shows how black text looks on a background with the Hex color FFFF44.

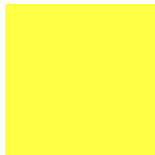


This preview shows how white text looks on a background with the Hex color FFFF44.

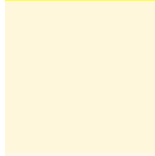
Color Blindness Simulation

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
FFFF44



Protanopia
FFF7DB



Deuteranopia
FFF6EB

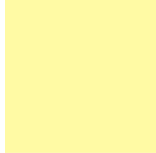


Tritanopia
FFF4FA

Trichromacy



Original Color
FFFF44



Protanomaly
FFFAA4

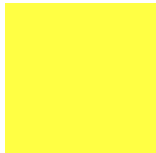


Deuteranomaly
FFF9AE

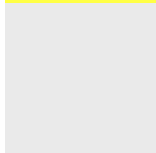


Tritanomaly
FFF8B8

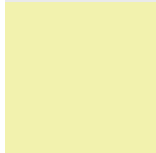
Monochromacy



Original Color
FFFF44



Achromatopsia
EAEAEA



Achromatomaly
F2F2AE

CSS Examples

Text

The CSS property to change the color of the text to Hex FFFF44 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 #FFFF44 looks like.

```
.text, #text, p{  
    color:#FFFF44  
}
```

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 #FFFF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF44
}
```

Border

The CSS property to change the border of an element to Hex FFFF44 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
#FFFF44 }
```

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

```
.border{ border-color:#FFFF44 }
```

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

Here you see how a box with a 4 pixel #FFFF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF44; -webkit-box-shadow:4px 4px  
4px 4px #FFFF44; box-shadow:4px 4px 4px  
4px #FFFF44 }
```

Background

The CSS property to change the background color of an element to Hex FFFF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF44 }
```

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

```
.background{ background-color:#FFFF44 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor