

Converting Colors

Hex(FFFF85)

Have a look what the booklet for
Hex(FFFF85) contains.

Hex(FFFF85)	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(FFFF85)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF85
RGB	255, 255, 133
RGB Percent	100%, 100%, 52%
CMY	0.0000, 0.0000, 0.4784
CMYK	0.00, 0.00, 0.48, 0.00
HSL	60°, 100%, 76%
HSV	60°, 48%, 100%
XYZ	81.2336, 94.4735, 36.1440
YIQ	241.0920, 39.1620, -37.9420

Conversions

Conversions Part 2

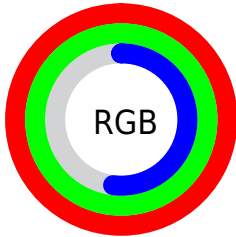
Format	Color
R _Y B	133, 255, 133
Decimal	16777093
CIE Lab	97.82, -16.11, 57.77
CIE LCh	98, 59.971, 105.587
Yxy	94.4735, 0.3834, 0.4459
Android (android.graphics.Color)	4294967173 (0xFFFFFFFF85)
YUV	241.0920, -53.2894, 12.1973
Hunter-Lab	97.1975, -20.9126, 45.9905

Details

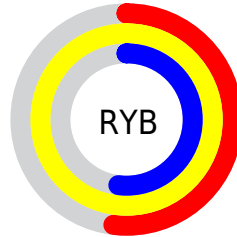
The Hex color **FFFF85** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8585FF**, and the grayscale version is **F2F2F2**.

A 20% lighter version of the original color is **FFFBC**, and **C4C64F** is the 20% darker color. If you saturate the color by 10%, you get **FFFF6C**, and if you desaturate by 10%, it is **FFFF9F**.

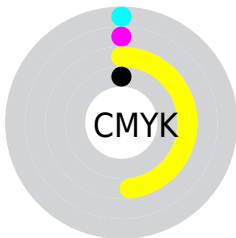
Distribution



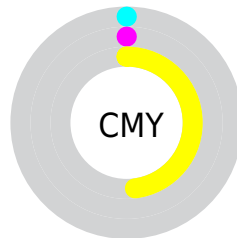
- Red (100%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFFF85 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 FFFF85 by changing the saturation by 10% instead.

 FFFF85

 FFFF85

FFFFFF

 E1E26A

 FFFFBC

 C4C64F

 FFFFD9

 A8AB34

 FFFFF6

 8C9115

 707700

 555F00

 3B4700

 223100

 021D00

 FFFF85

 FFFF85

 FFFF6C

 FFFF9F

 FFFF52

 FFFFB8

 FFFF39

 FFFFD2

 FFFF1F

 FFFFEB

 FFFF06

FFFFFF

 FFFF00

Harmonies

Analogous

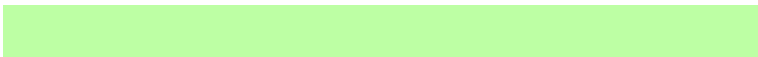
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC87



FFFF85



BDFFA4

Triad

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



FFFF85



00FFFF



FFC0FF

Complementary

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



FFFF85



8585FF

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.



FFDEFF



FFFF85



52FFFF

Square

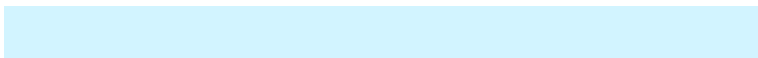
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFFF85



00FFFF



D2F4FF



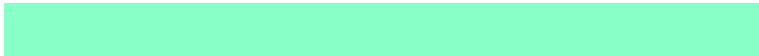
FFCADC

Rectangle

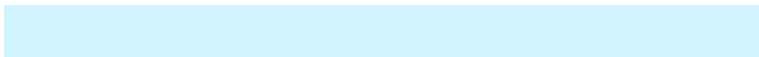
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFFF85



88FFC6



D2F4FF



FFD1FF

Sweetspot

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



FFFF85



FFFFDB



FF8585



80806A



000000



808080

Same Dimension

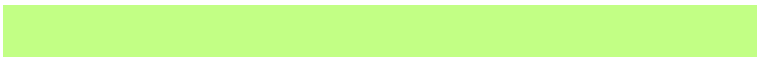
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFFF85



FFFF6E



C2FF85



808073



BFBF00



404000

Inverse Universe

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



8585FF



6E6EFF



C285FF



737380



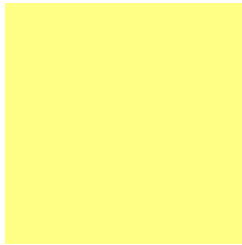
0000BF



000040

Previews

White Background



This preview shows how the Hex color FFFF85 looks on a white background.

Color Contrast Check

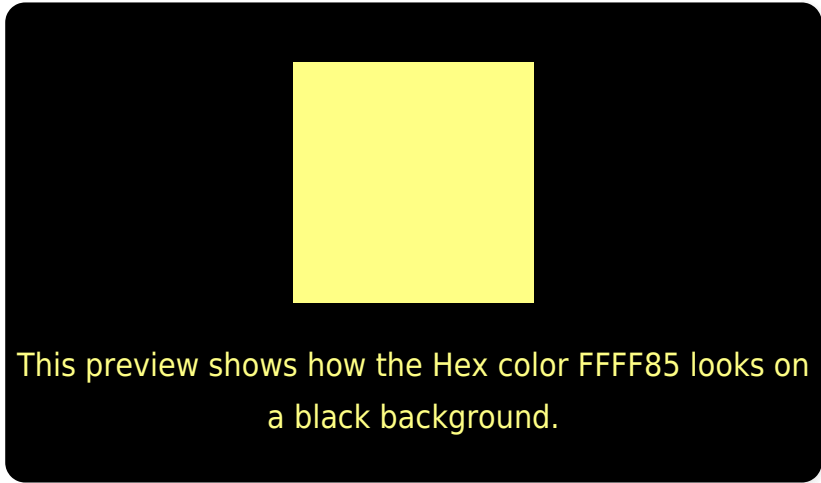
Large Text (above 18pt) WCAG AA × Fail

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 FFFF85 Background



This preview shows how black text looks on a background with the Hex color FFFF85.

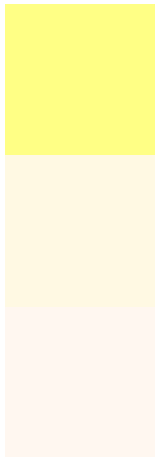


This preview shows how white text looks on a background with the Hex color FFFF85.

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
FFFF85

Protanopia
FFF9E3

Deuteranopia
FFF7F0

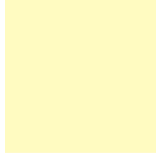


Tritanopia
FFF6FC

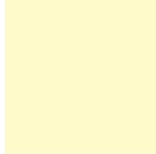
Trichromacy



Original Color
FFFF85



Protanomaly
FFBC1



Deuteranomaly
FFAC9

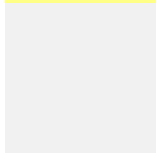


Tritanomaly
FFF9D1

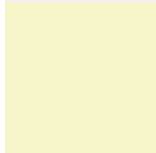
Monochromacy



Original Color
FFFF85



Achromatopsia
F1F1F1



Achromatomaly
F6F6CA

CSS Examples

Text

The CSS property to change the color of the text to Hex FFFF85 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 #FFFF85 looks like.

```
.text, #text, p{  
    color:#FFFF85  
}
```

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 #FFFF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFF85
}
```

Border

The CSS property to change the border of an element to Hex FFFF85 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
#FFFF85 }
```

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

```
.border{ border-color:#FFFF85 }
```

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

Here you see how a box with a 4 pixel #FFFF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFF85; -webkit-box-shadow:4px 4px  
4px 4px #FFFF85; box-shadow:4px 4px 4px  
4px #FFFF85 }
```

Background

The CSS property to change the background color of an element to Hex FFFF85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFF85 }
```

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

```
.background{ background-color:#FFFF85 }
```

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