

Converting Colors

Hex(FCF868)

Have a look what the booklet for
Hex(FCF868) contains.

Hex(FCF868)	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(FCF868)

Conversions

Conversions Part 1

Format	Color
Hex	FCF868
RGB	252, 248, 104
RGB Percent	99%, 97%, 41%
CMY	0.0118, 0.0275, 0.5922
CMYK	0.00, 0.02, 0.59, 0.01
HSL	58°, 96%, 70%
HSV	58°, 59%, 99%
XYZ	76.2110, 88.8297, 26.2258
YIQ	232.7800, 48.6080, -43.9360

Conversions

Conversions Part 2

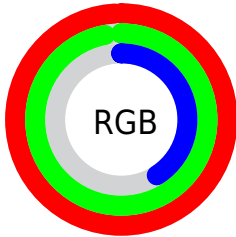
Format	Color
R_{YB}	108, 252, 104
Decimal	16578664
CIE _{Lab}	95.51, -16.13, 67.82
CIE _{LCh}	96, 69.711, 103.380
Yxy	88.8297, 0.3985, 0.4644
Android (android.graphics.Color)	4294768744 (0xFFFCF868)
YUV	232.7800, -63.4885, 16.8559
Hunter-Lab	94.2495, -20.6000, 49.4767

Details

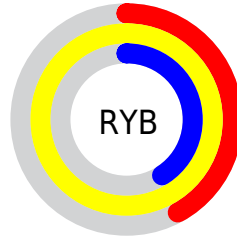
The Hex color **FCF868** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **686CFC**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFA0**, and **C0C02E** is the 20% darker color. If you saturate the color by 10%, you get **FCF74F**, and if you desaturate by 10%, it is **FCF981**.

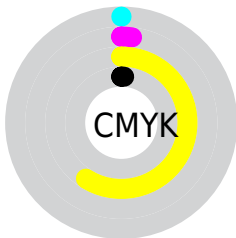
Distribution



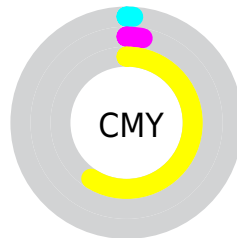
- Red (99%)
- Green (97%)
- Blue (41%)



- Red (42%)
- Yellow (99%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color FCF868 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 FCF868 by changing the saturation by 10% instead.

 FCF868

 FCF868

FFFFFF

 DEDC4C

 FFFFA0

 C0C02E

 FFFFBC

 A3A502

 FFFFD9

 878B00

 FFFFF7

 6B7100

 505900

 354200

 1C2C00

 001900

 FCF868

 FCF868

 FCF74F

 FCF981

 FCF736

 FCF99A

 FCF61C

 FCFAB4

 FCF503

 FCFBCD

 FCF500

 FCFBE6

 FCFCFF

 FCFDFD

 FCFEFD

Harmonies

Analogous

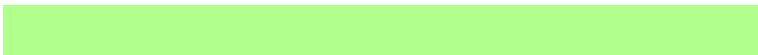
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE16E



FCF868



B1FF8C

Triad

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



FCF868



00FFFF



FFBDFD

Complementary

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



FCF868



686CFC

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.



FFD4FF



FCF868



00FFFF

Square

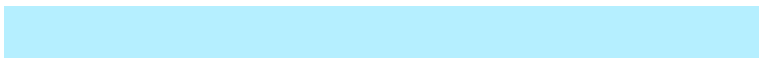
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FCF868



00FFFF



B5EFFF



FFB8D6

Rectangle

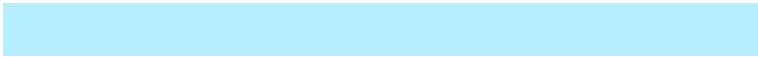
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCF868



6EFFB3



B5EFFF



FFC4FF

Sweetspot

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



FCF868



FFFED1



FC686D



807F63



000000



808080

Same Dimension

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



FCF868



FFFA4D



B7FC68



7D7D70



BDB800



3D3C00

Inverse Universe

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



686CFC



4D51FF



AD68FC



70717D



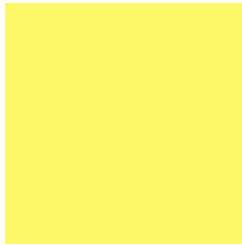
0005BD



00023D

Previews

White Background



This preview shows how the Hex color FCF868 looks on a white background.

Color Contrast Check

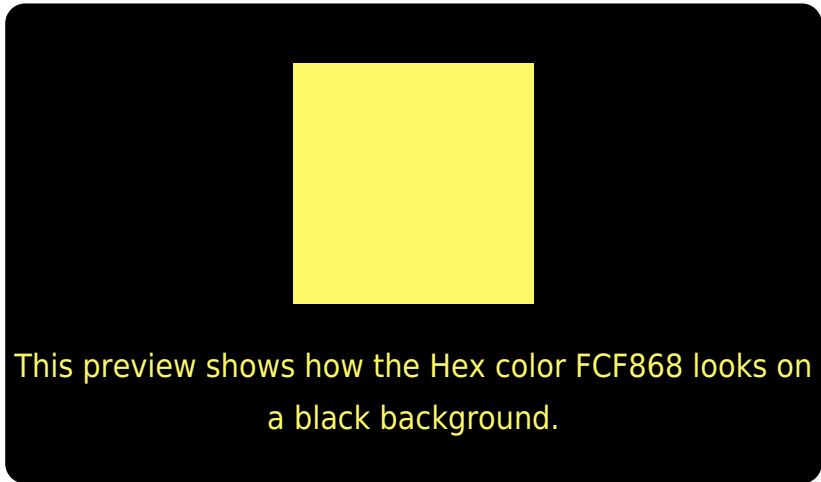
Large Text (above 18pt) WCAG AA × Fail

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 FCF868 Background



This preview shows how black text looks on a background with the Hex color FCF868.



This preview shows how white text looks on a background with the Hex color FCF868.

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
FCF868

Protanopia
FFF2C1

Deuteranopia
FFF0DE



Tritanopia
FFEDF7

Trichromacy



Original Color
FCF868



Protanomaly
FEF4A1



Deuteranomaly
FEF3B3

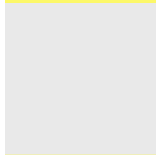


Tritanomaly
FEF1C3

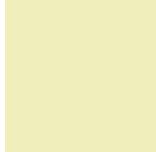
Monochromacy



Original Color
FCF868



Achromatopsia
E9E9E9



Achromatomaly
F0EEBA

CSS Examples

Text

The CSS property to change the color of the text to Hex FCF868 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 #FCF868 looks like.

```
.text, #text, p{  
    color:#FCF868  
}
```

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 #FCF868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCF868  
}
```

Border

The CSS property to change the border of an element to Hex FCF868 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  
#FCF868 }
```

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

```
.border{ border-color:#FCF868 }
```

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

Here you see how a box with a 4 pixel #FCF868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCF868; -webkit-box-shadow:4px 4px  
4px 4px #FCF868; box-shadow:4px 4px 4px  
4px #FCF868 }
```

Background

The CSS property to change the background color of an element to Hex FCF868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCF868 }
```

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

```
.background{ background-color:#FCF868 }
```

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