

Converting Colors

Hex(FBF983)

Have a look what the booklet for
Hex(FBF983) contains.

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Color

Hex(FBF983)

Conversions

Conversions Part 1

Format	Color
Hex	FBF983
RGB	251, 249, 131
RGB Percent	98%, 98%, 51%
CMY	0.0157, 0.0235, 0.4863
CMYK	0.00, 0.01, 0.48, 0.02
HSL	59°, 94%, 75%
HSV	59°, 48%, 98%
XYZ	77.7561, 89.8993, 34.7268
YIQ	236.1460, 39.0700, -36.2740

Conversions

Conversions Part 2

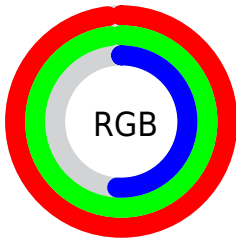
Format	Color
RYB	133, 251, 131
Decimal	16513411
CIELab	95.95, -14.93, 56.38
CIElCh	96, 58.324, 104.837
Yxy	89.8993, 0.3842, 0.4442
Android (android.graphics.Color)	4294703491 (0xFFFBF983)
YUV	236.1460, -51.8370, 13.0270
Hunter-Lab	94.8152, -19.5424, 44.6552

Details

The Hex color **FBF983** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8385FB**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFBA**, and **C0C14E** is the 20% darker color. If you saturate the color by 10%, you get **FBF96A**, and if you desaturate by 10%, it is **FBF99C**.

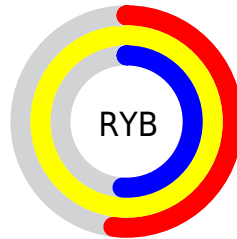
Distribution



Red (98%)

Green (98%)

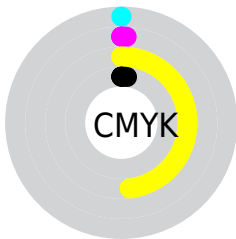
Blue (51%)



Red (52%)

Yellow (98%)

Blue (51%)

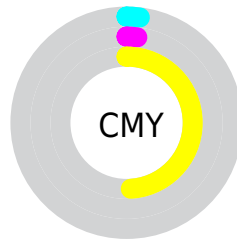


Cyan (0%)

Magenta (1%)

Yellow (48%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBF983 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 FBF983 by changing the saturation by 10% instead.

 FBF983

 FBF983

FFFFFF

 DDDD68

 FFFFBA

 C0C14E

 FFFFD7

 A4A633

 FFFFF4

 888B14

 6D7200

 525A00

 384200

 1F2C00

 001900

 FBF983

 FBF983

 FBF96A

 FBF99C

 FBF851

 FBFAB5

 FBF838

 FBFACE

 FBF71F

 FBFBE7

 FBF705

 FBFBF7

 FBF700

 FBFCFF

 FBFDFD

Harmonies

Analogous

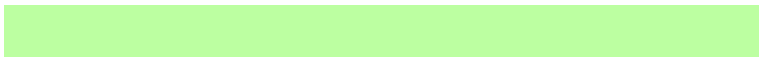
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE686



FBF983



BCFFA1

Triad

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



FBF983



00FFFF



FFC9FF

Complementary

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



FBF983



8385FB

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.



FFDAFF



FBF983



50FFFF

Square

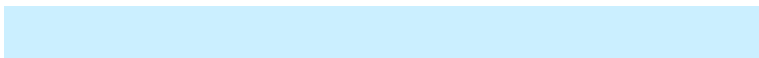
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FBF983



00FFFF



CBEFFF



FFC6D9

Rectangle

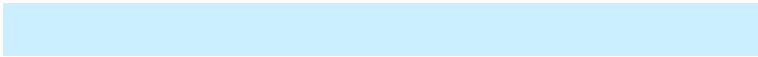
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBF983



89FFC1



CBEFFF



FFCEFF

Sweetspot

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



FBF983



FFFEDB



FB8385



807F6A



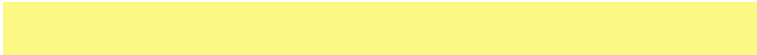
000000



808080

Same Dimension

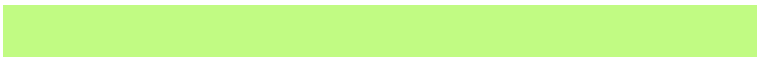
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FBF983



FFFD6E



C1FB83



7D7D70



BDBA00



3D3C00

Inverse Universe

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



8385FB



6E70FF



BD83FB



70717D



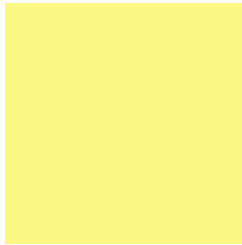
0003BD



00013D

Previews

White Background



This preview shows how the Hex color FBF983 looks on a white background.

Color Contrast Check

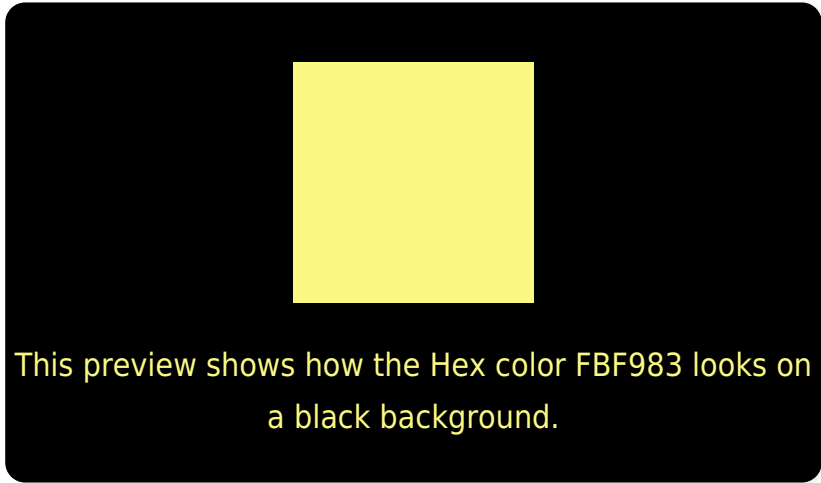
Large Text (above 18pt) WCAG AA × Fail

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 FBF983 Background



This preview shows how black text looks on a background with the Hex color FBF983.

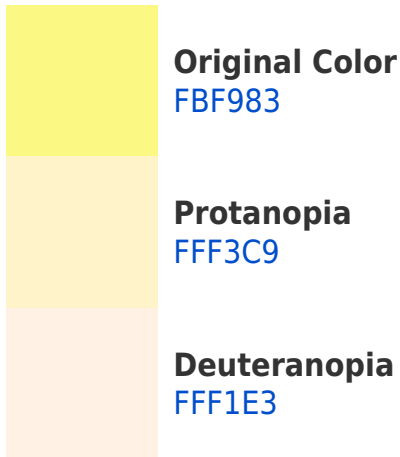


This preview shows how white text looks on a background with the Hex color FBF983.

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



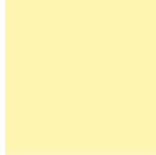


Tritanopia
FFEFF9

Trichromacy



Original Color
FBF983



Protanomaly
FEF5B0



Deuteranomaly
FEF4C0

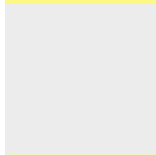


Tritanomaly
FEF3CE

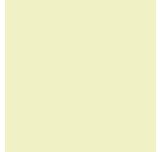
Monochromacy



Original Color
FBF983



Achromatopsia
ECECEC



Achromatomaly
F1F1C6

CSS Examples

Text

The CSS property to change the color of the text to Hex FBF983 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 #FBF983 looks like.

```
.text, #text, p{  
    color:#FBF983  
}
```

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 #FBF983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBF983
}
```

Border

The CSS property to change the border of an element to Hex FBF983 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
#FBF983 }
```

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

```
.border{ border-color:#FBF983 }
```

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

Here you see how a box with a 4 pixel #FBF983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBF983; -webkit-box-shadow:4px 4px  
4px 4px #FBF983; box-shadow:4px 4px 4px  
4px #FBF983 }
```

Background

The CSS property to change the background color of an element to Hex FBF983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBF983 }
```

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

```
.background{ background-color:#FBF983 }
```

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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