

# Converting Colors

Hex(FBFF19)

Have a look what the booklet for  
Hex(FBFF19) contains.

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# **Color**

**Hex(FBFF19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBFF19
RGB	251, 255, 25
RGB Percent	98%, 100%, 10%
CMY	0.0157, 0.0000, 0.9020
CMYK	0.02, 0.00, 0.90, 0.00
HSL	61°, 100%, 55%
HSV	61°, 90%, 100%
XYZ	75.7191, 92.0994, 14.7058
YIQ	227.5840, 71.4460, -72.3780

# Conversions

## Conversions Part 2

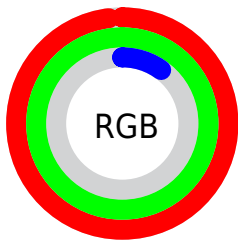
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 255, 29
Decimal	16514841
CIE Lab	96.86, -22.96, 91.97
CIE LCh	97, 94.796, 104.016
Yxy	92.0994, 0.4148, 0.5046
Android (android.graphics.Color)	4294704921 (0xFFFBFF19)
YUV	227.5840, -99.8739, 20.5358
Hunter-Lab	95.9684, -27.1082, 58.0925

# Details

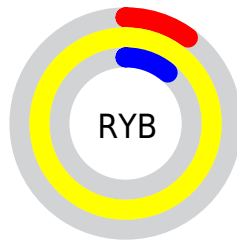
The Hex color **FBFF19** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **1D19FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF67**, and **BEC700** is the 20% darker color. If you saturate the color by 10%, you get **FBFF00**, and if you desaturate by 10%, it is **FBFF32**.

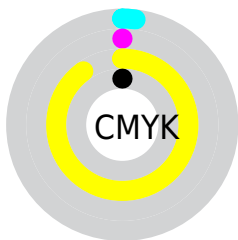
# Distribution



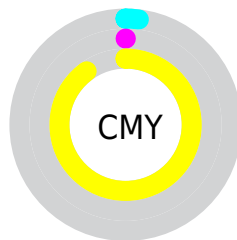
- Red (98%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (11%)



- Cyan (2%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBFF19 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 FBFF19 by changing the saturation by 10% instead.



 FBFF19

 FBFF19

FFFFFF

 DCE200

 FFFF67

 BEC700

 FFFF85

 A0AB00

 FFFFA4

 829100

 FFFF C2

 657800

 FFFF E0

 495F00

FFFFFFE

 2E4700

 123100

 001E00

 FBFF19

 FBFF19

 FBFF00

 FBFF32

 FCFF4C

 FCFF65

 FDFF7F

 FDFF98

 FEFFB2

 FEFFCB

 FFFFE5

FFFFFFE

# Harmonies

## Analogous

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



FFE02F



FBFF19



90FF67

# Triad

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



FBFF19



00FFFF



FFA3FF

# Complementary

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



FBFF19



1D19FF

# 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.



FFCAFF



FBFF19



00FFFF

# Square

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



FBFF19



00FFFF



88F2FF



FF9CCF

# Rectangle

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



FBFF19



00FFA1



88F2FF



FFAEFF



# Sweetspot

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



FBFF19



FEFFBA



FF1D19



7F8057



000000



808080



# Same Dimension

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



FBFF19



FBFF00



88FF19



7F8073



BCBF00



3F4000



# Inverse Universe

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



1D19FF



0400FF



9019FF



737380



0300BF

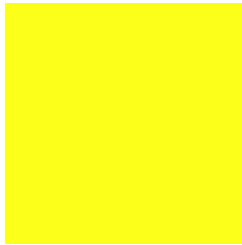


010040



# Previews

## White Background



This preview shows how the Hex color FBFF19 looks on a white background.

## Color Contrast Check

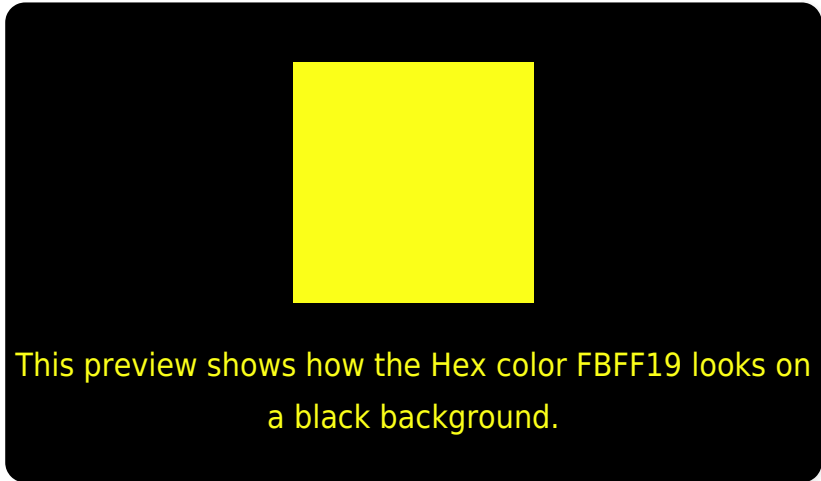
Large Text (above 18pt) WCAG AA × Fail

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 FBFF19 Background



This preview shows how black text looks on a background with the Hex color FBFF19.



This preview shows how white text looks on a background with the Hex color FBFF19.

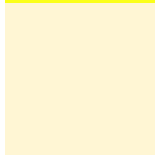
# Color Blindness Simulation

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](#).

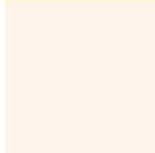
## Dichromacy



**Original Color**  
FBFF19



**Protanopia**  
FFF6D4

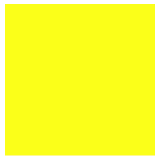


**Deuteranopia**  
FFF4E7

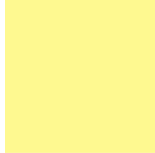


**Tritanopia**  
FFF2FA

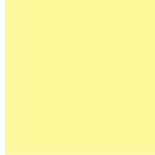
# Trichromacy



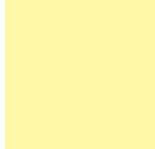
**Original Color**  
FBFF19



**Protanomaly**  
FEF990

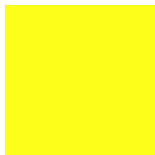


**Deuteranomaly**  
FEF89C

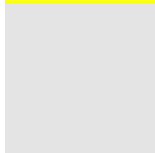


**Tritanomaly**  
FEF7A8

# Monochromacy



**Original Color**  
FBFF19



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
ECEE9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBFF19 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 #FBFF19 looks like.

```
.text, #text, p{  
    color:#FBFF19  
}
```

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 #FBFF19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBFF19
}
```

## Border

The CSS property to change the border of an element to Hex FBFF19 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
#FBFF19 }
```

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

```
.border{ border-color:#FBFF19 }
```

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

Here you see how a box with a 4 pixel #FBFF19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBFF19; -webkit-box-shadow:4px 4px  
4px 4px #FBFF19; box-shadow:4px 4px 4px  
4px #FBFF19 }
```

# Background

The CSS property to change the background color of an element to Hex FBFF19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBFF19 }
```

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

```
.background{ background-color:#FBFF19 }
```

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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