

Converting Colors

Hex(F9BF00)

Have a look what the booklet for
Hex(F9BF00) contains.

Hex(F9BF00)	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(F9BF00)

Conversions

Conversions Part 1

Format	Color
Hex	F9BF00
RGB	249, 191, 0
RGB Percent	98%, 75%, 0%
CMY	0.0235, 0.2510, 1.0000
CMYK	0.00, 0.23, 1.00, 0.02
HSL	46°, 100%, 49%
HSV	46°, 100%, 98%
XYZ	57.6977, 57.4013, 8.0386
YIQ	186.5680, 95.8790, -47.1050

Conversions

Conversions Part 2

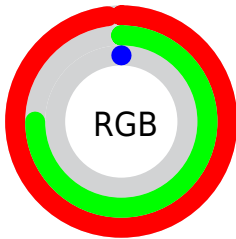
Format	Color
R_{YB}	76, 249, 0
Decimal	16367360
CIE _{Lab}	80.40, 7.82, 82.31
CIE _{LCh}	80, 82.685, 84.571
Yxy	57.4013, 0.4686, 0.4662
Android (android.graphics.Color)	4294557440 (0xFFFF9BF00)
YUV	186.5680, -91.9780, 54.7529
Hunter-Lab	75.7637, 3.3500, 46.7439

Details

The Hex color **F9BF00** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **003AF9**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF754**, and **BB8A00** is the 20% darker color. If you saturate the color by 10%, you get **F9BF00**, and if you desaturate by 10%, it is **F9C519**.

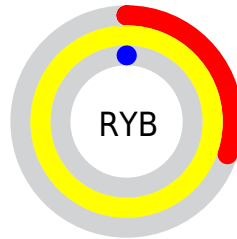
Distribution



Red (98%)

Green (75%)

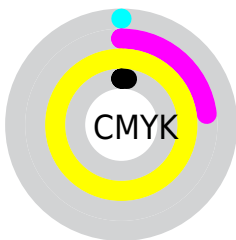
Blue (0%)



Red (30%)

Yellow (98%)

Blue (0%)

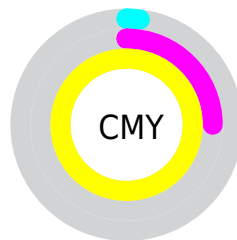


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9BF00 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 F9BF00 by changing the saturation by 10% instead.

 F9BF00

 F9BF00

FFFFFF

 DAA400

 FFF754

 BB8A00

 FFFF71

 9D7100

 FFFF8E

 7F5900

 FFFFAB

 624200

 FFFFC8

 472C00

 FFFF E6

 2D1800

 140000

 000000

 F9BF00

 F9C519

 F9CB32

 F9D04B

 F9D664

 F9DC7D

 F9E295

 F9E8AE

 F9EDC7

 F9F3E0

Harmonies

Analogous

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



FF9F48



F9BF00



AFD621

Triad

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



F9BF00



00EBFF



FF95FF

Complementary

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



F9BF00



003AF9

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.



ABB9FF



F9BF00



00E5FF

Square

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



F9BF00



00EAB6



00D5FF



FF7BD9

Rectangle

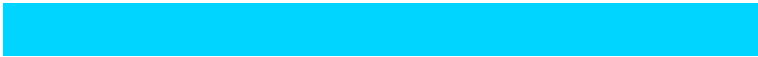
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9BF00



6FE050



00D5FF



FBA1FF

Sweetspot

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



F9BF00



FFEDB3



F9003A



807552



000000



808080

Same Dimension

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



F9BF00



FFC400



B7F900



7D7A70



BD9100



3D2F00

Inverse Universe

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



003AF9



003BFF



4200F9



70737D



002CBD



000E3D

Previews

White Background



This preview shows how the Hex color F9BF00 looks on a white background.

Color Contrast Check

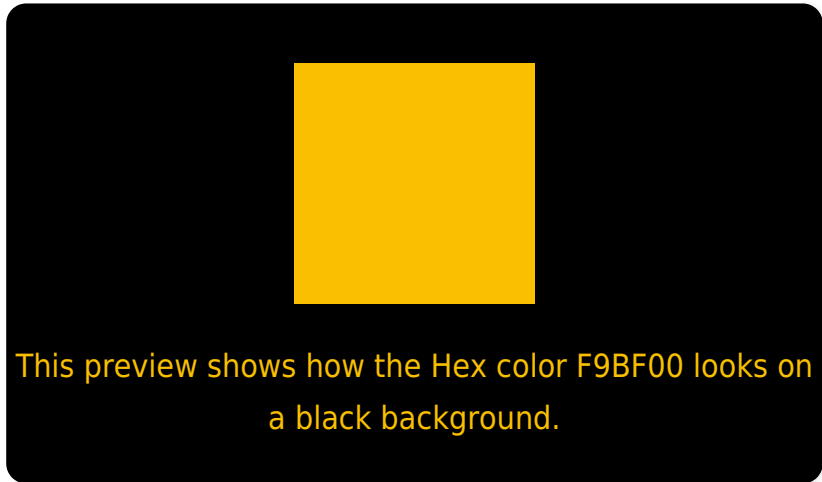
Large Text (above 18pt) WCAG AA × Fail

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 F9BF00 Background



This preview shows how black text looks on a background with the Hex color F9BF00.



This preview shows how white text looks on a background with the Hex color F9BF00.

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
F9BF00

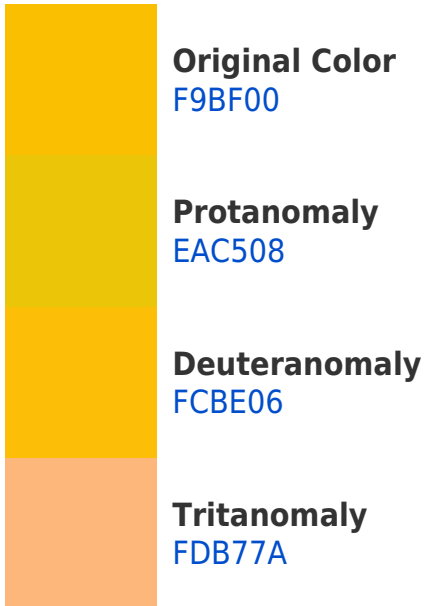
Protanopia
E1C80D

Deuteranopia
FDBD0A

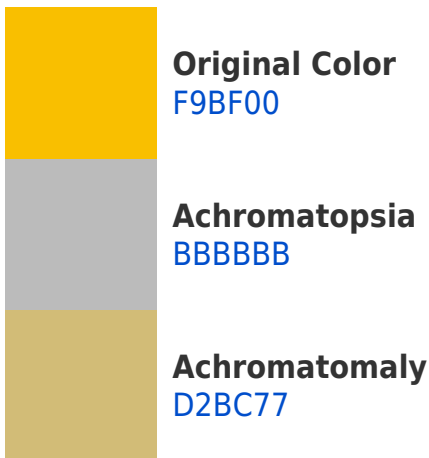


Tritanopia
FFB3C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9BF00 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 #F9BF00 looks like.

```
.text, #text, p{  
    color:#F9BF00  
}
```

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 #F9BF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9BF00
}
```

Border

The CSS property to change the border of an element to Hex F9BF00 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
#F9BF00 }
```

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

```
.border{ border-color:#F9BF00 }
```

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

Here you see how a box with a 4 pixel #F9BF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9BF00; -webkit-box-shadow:4px 4px  
4px 4px #F9BF00; box-shadow:4px 4px 4px  
4px #F9BF00 }
```

Background

The CSS property to change the background color of an element to Hex F9BF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9BF00 }
```

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

```
.background{ background-color:#F9BF00 }
```

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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