

Converting Colors

Hex(FEB700)

Have a look what the booklet for
Hex(FEB700) contains.

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Color

Hex(FEB700)

Conversions

Conversions Part 1

Format	Color
Hex	FEB700
RGB	254, 183, 0
RGB Percent	100%, 72%, 0%
CMY	0.0039, 0.2824, 1.0000
CMYK	0.00, 0.28, 1.00, 0.00
HSL	43°, 100%, 50%
HSV	43°, 100%, 100%
XYZ	57.8065, 54.9378, 7.5573
YIQ	183.3670, 101.0590, -41.8610

Conversions

Conversions Part 2

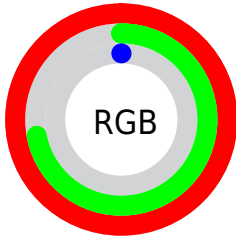
Format	Color
RYB	99, 254, 0
Decimal	16692992
CIELab	79.01, 14.12, 81.61
CIELCh	79, 82.822, 80.184
Yxy	54.9378, 0.4805, 0.4567
Android (android.graphics.Color)	4294883072 (0xFFFE700)
YUV	183.3670, -90.3999, 61.9451
Hunter-Lab	74.1200, 9.5028, 45.8388

Details

The Hex color **FEB700** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **0047FE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFEF53**, and **BF8200** is the 20% darker color. If you saturate the color by 10%, you get **FEB700**, and if you desaturate by 10%, it is **FEBE19**.

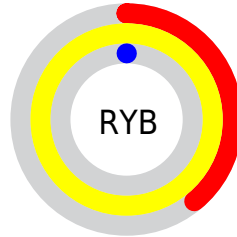
Distribution



Red (100%)

Green (72%)

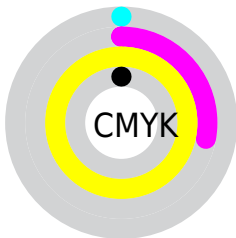
Blue (0%)



Red (39%)

Yellow (100%)

Blue (0%)

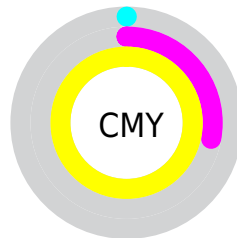


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEB700 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 FEB700 by changing the saturation by 10% instead.

 FEB700

 FEB700

FFFFFF

 DE9C00

 FFEF53

 BF8200

 FFFF70

 A16900

 FFFF8D

 835100

 FFFFA9

 663B00

 FFFFC7

 4A2500

 FFFF E4

 301100

 160000

 000000

 FEB700

 FEBE19

 FEC533

 FECC4C

 FED366

 FEDB7F

 FEE298

 FEE9B2

 FEF0CB

 FEF7E5

Harmonies

Analogous

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



FF964D



FEB700



B7CF0A

Triad

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



FEB700



00E7F7



FF97FF

Complementary

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



FEB700



0047FE

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.



8EBAFF



FEB700



00E2FF

Square

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



FEB700



00E6A7



00D4FF



FF79E0

Rectangle

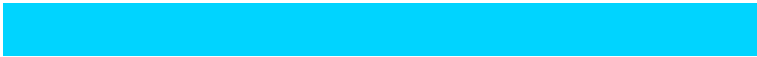
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEB700



7BDA41



00D4FF



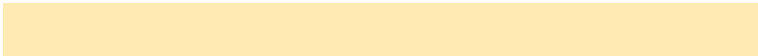
E8A3FF

Sweetspot

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



FEB700



FFEAB3



FE0048



807352



000000



808080

Same Dimension

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



FEB700



FFB800



C7FE00



807C73



BF8A00



402E00

Inverse Universe

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



0047FE



0047FF



3700FE



737680



0035BF



001240

Previews

White Background



This preview shows how the Hex color FEB700 looks on a white background.

Color Contrast Check

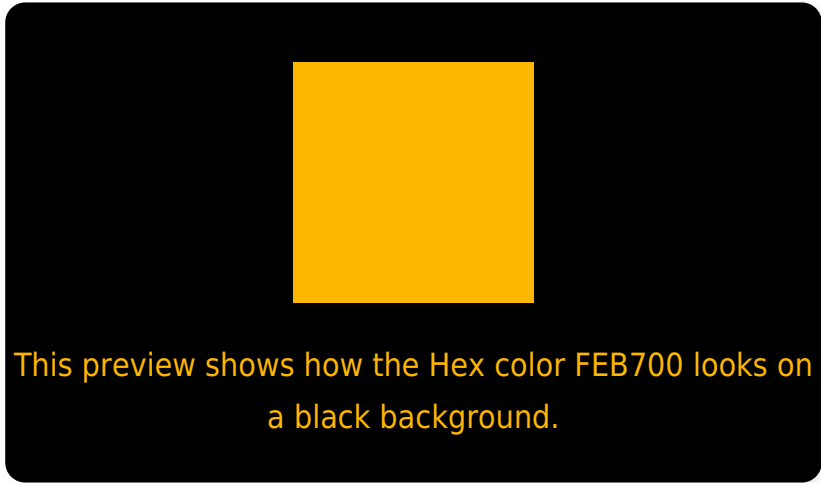
Large Text (above 18pt) WCAG AA × Fail

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 FEB700 Background



This preview shows how black text looks on a background with the Hex color FEB700.



This preview shows how white text looks on a background with the Hex color FEB700.

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
FEB700

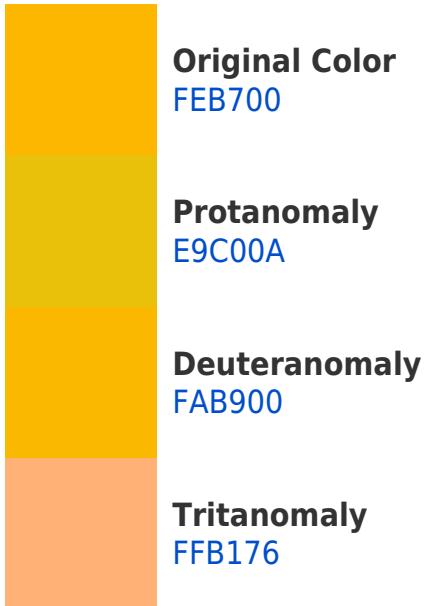
Protanopia
DDC50F

Deuteranopia
F8BA00

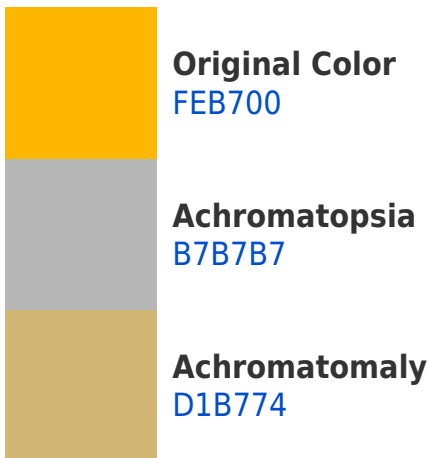


Tritanopia
FFAEB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEB700 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 #FEB700 looks like.

```
.text, #text, p{  
    color:#FEB700  
}
```

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 #FEB700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEB700  
}
```

Border

The CSS property to change the border of an element to Hex FEB700 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  
#FEB700 }
```

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

```
.border{ border-color:#FEB700 }
```

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

Here you see how a box with a 4 pixel #FEB700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEB700; -webkit-box-shadow:4px 4px  
4px 4px #FEB700; box-shadow:4px 4px 4px  
4px #FEB700 }
```

Background

The CSS property to change the background color of an element to Hex FEB700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEB700 }
```

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

```
.background{ background-color:#FEB700 }
```

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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