

Converting Colors

Hex(FDBE02)

Have a look what the booklet for
Hex(FDBE02) contains.

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Color

Hex(FDBE02)

Conversions

Conversions Part 1

Format	Color
Hex	FDBE02
RGB	253, 190, 2
RGB Percent	99%, 75%, 1%
CMY	0.0078, 0.2549, 0.9922
CMYK	0.00, 0.25, 0.99, 0.01
HSL	45°, 98%, 50%
HSV	45°, 99%, 99%
XYZ	58.9324, 57.7139, 8.0913
YIQ	187.4050, 97.8960, -45.1120

Conversions

Conversions Part 2

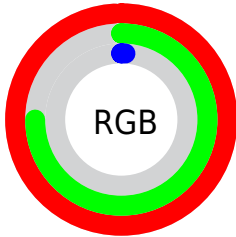
Format	Color
RYB	86, 253, 2
Decimal	16629250
CIELab	80.58, 10.07, 82.43
CIElCh	81, 83.045, 83.037
Yxy	57.7139, 0.4725, 0.4627
Android (android.graphics.Color)	4294819330 (0xFFFD8E02)
YUV	187.4050, -91.4047, 57.5268
Hunter-Lab	75.9697, 5.5219, 46.8640

Details

The Hex color **FDBE02** is a dark color, and the websafe version is hex **FFCC00**, and the color name is **mango**. The color can be described as middle saturated orange. A complement of this color would be **0241FD**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF655**, and **BF8900** is the 20% darker color. If you saturate the color by 10%, you get **FDBD00**, and if you desaturate by 10%, it is **FDC41B**.

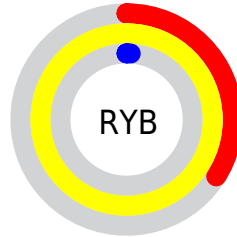
Distribution



Red (99%)

Green (75%)

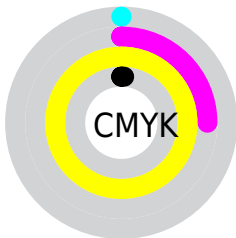
Blue (1%)



Red (34%)

Yellow (99%)

Blue (1%)

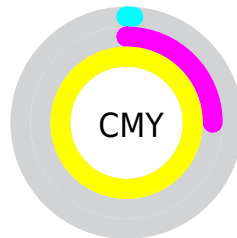


Cyan (0%)

Magenta (25%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (25%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD BE 02 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 FD BE 02 by changing the saturation by 10% instead.

 FD8E02

 FD8E02

FFFFFF

 DE300

 FF655

 BF900

 FFF72

 A0700

 FFF8F

 835800

 FFFAC

 654100

 FFFC9

 4A2B00

 FFFE6

 301700

 180000

 000000

 FDBE02

 FDBE02

 FDBD00

 FDC41B

 FDCB35

 FDD14E

 FDD767

 FDDE81

 FDE49A

 FDEAB3

 FDF1CC

 FDF7E6

Harmonies

Analogous

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



FF9E4B



FDBE02



B4D61C

Triad

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



FDBE02



00ECFF



FF97FF

Complementary

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



FDBE02



0241FD

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.



A3BBFF



FD8E02



00E6FF

Square

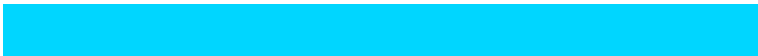
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FDBE02



00EBB3



00D6FF



FF7CDE

Rectangle

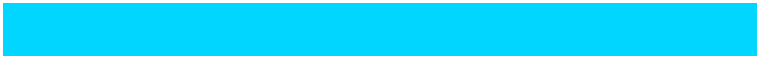
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDBE02



75E04C



00D6FF



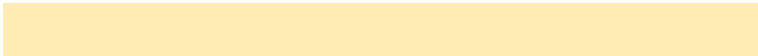
F6A4FF

Sweetspot

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



FDBE02



FFECB3



FD0245



807452



000000



808080

Same Dimension

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



FDBE02



FFBF00



C2FD02



807C73



BF8F00



403000

Inverse Universe

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



0241FD



0040FF



3D02FD



737680



0030BF



001040

Previews

White Background



This preview shows how the Hex color FDBE02 looks on a white background.

Color Contrast Check

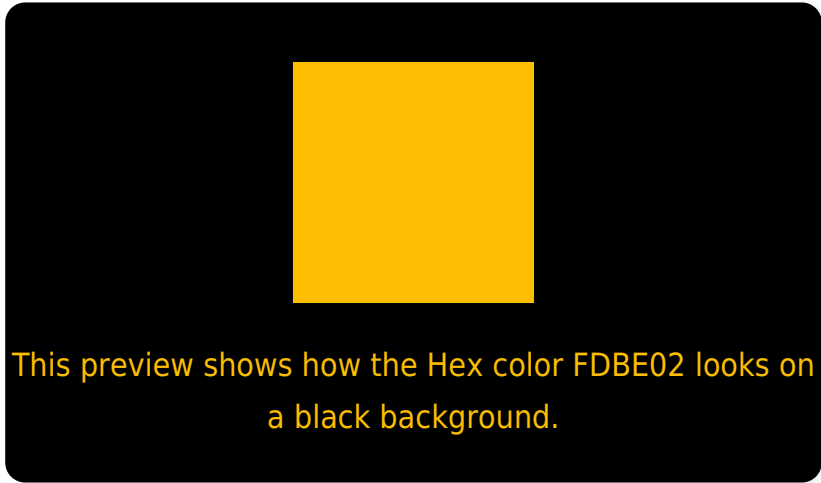
Large Text (above 18pt) WCAG AA × Fail

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 FDBE02 Background



This preview shows how black text looks on a background with the Hex color FDBE02.



This preview shows how white text looks on a background with the Hex color FDBE02.

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](#).

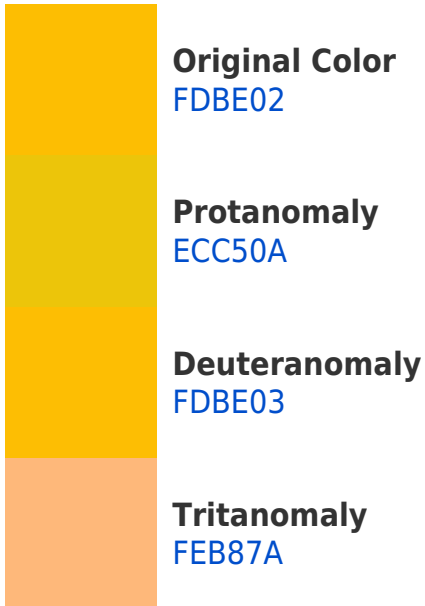
Dichromacy



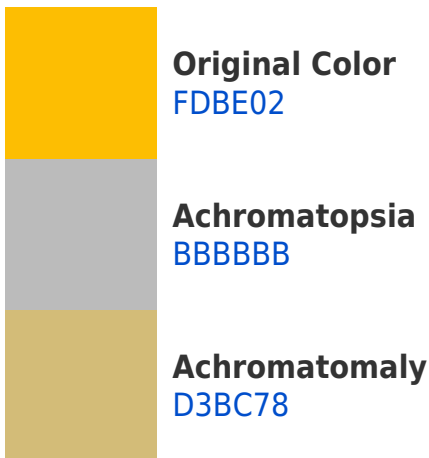


Tritanopia
FFB4BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDBE02 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 #FDBE02 looks like.

```
.text, #text, p{  
    color:#FDBE02  
}
```

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 #FDDE02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDDE02
}
```

Border

The CSS property to change the border of an element to Hex FDDE02 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
#FDDE02 }
```

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

```
.border{ border-color:#FDBE02 }
```

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

Here you see how a box with a 4 pixel #FDBE02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDBE02; -webkit-box-shadow:4px 4px  
4px 4px #FDBE02; box-shadow:4px 4px 4px  
4px #FDBE02 }
```

Background

The CSS property to change the background color of an element to Hex FDBE02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDBE02 }
```

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

```
.background{ background-color:#FDBE02 }
```

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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