

Converting Colors

Hex(FDB900)

Have a look what the booklet for
Hex(FDB900) contains.

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Color

Hex(FDB900)

Conversions

Conversions Part 1

Format	Color
Hex	FDB900
RGB	253, 185, 0
RGB Percent	99%, 73%, 0%
CMY	0.0078, 0.2745, 1.0000
CMYK	0.00, 0.27, 1.00, 0.01
HSL	44°, 100%, 50%
HSV	44°, 100%, 99%
XYZ	57.8570, 55.5806, 7.6787
YIQ	184.2420, 99.9130, -43.1190

Conversions

Conversions Part 2

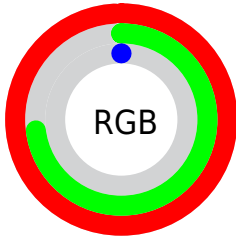
Format	Color
R _Y B	93, 253, 0
Decimal	16627968
CIE Lab	79.37, 12.65, 81.81
CIE LCh	79, 82.781, 81.208
Yxy	55.5806, 0.4777, 0.4589
Android (android.graphics.Color)	4294818048 (0xFFFD9000)
YUV	184.2420, -90.8313, 60.3008
Hunter-Lab	74.5524, 8.0597, 46.0799

Details

The Hex color **FDB900** is a dark color, and the websafe version is hex **FFCC00**, and the color name is [microsoft yellow](#). The color can be described as middle saturated orange. A complement of this color would be **0044FD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF153**, and **BF8400** is the 20% darker color. If you saturate the color by 10%, you get **FDB900**, and if you desaturate by 10%, it is **FDC019**.

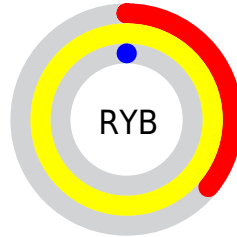
Distribution



Red (99%)

Green (73%)

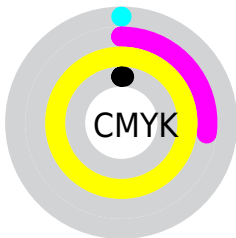
Blue (0%)



Red (36%)

Yellow (99%)

Blue (0%)

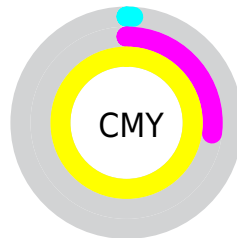


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDB900 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 FDB900 by changing the saturation by 10% instead.

 FDB900

 FDB900

FFFFFF

 DE9E00

 FFF153

 BF8400

 FFFF70

 A06B00

 FFFF8D

 825300

 FFFFAA

 653C00

 FFFFC7

 492700

 FFFF E5

 2F1200

 160000

 000000

 FDB900

 FDC019

 FDC733

 FDCD4C

 FDD465

 FDDB7F

 FDE298

 FDE9B1

 FDEFCA

 FDF6E4

Harmonies

Analogous

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



FF994C



FDB900



B5D111

Triad

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



FDB900



00E8FA



FF96FF

Complementary

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



FDB900



0044FD

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.



95BAFF



FDB900



00E3FF

Square

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



FDB900



00E7AB



00D4FF



FF79DF

Rectangle

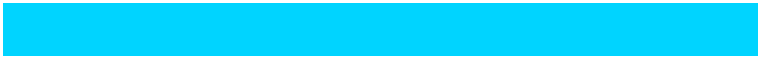
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDB900



79DC45



00D4FF



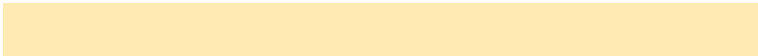
ECA3FF

Sweetspot

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



FDB900



FFEAB3



FD0048



807352



000000



808080

Same Dimension

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



FDB900



FFBA00



C6FD00



807C73



BF8C00



402F00

Inverse Universe

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



0044FD



0045FF



3700FD



737680



0033BF



001140

Previews

White Background



This preview shows how the Hex color FDB900 looks on a white background.

Color Contrast Check

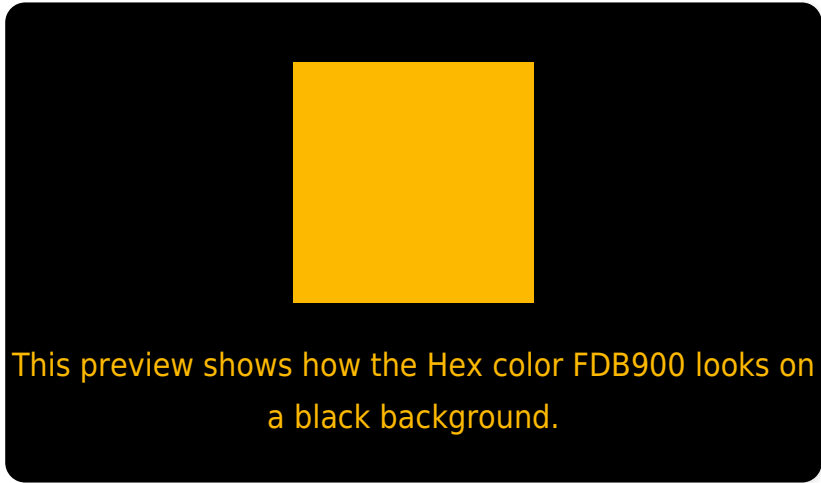
Large Text (above 18pt) WCAG AA × Fail

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 FDB900 Background



This preview shows how black text looks on a background with the Hex color FDB900.

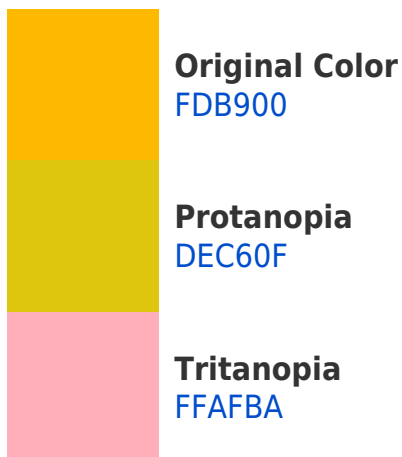


This preview shows how white text looks on a background with the Hex color FDB900.

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



Trichromacy



Original Color
FDB900

Protanomaly
E9C10A

Tritanomaly
FEB376

Monochromacy



Original Color
FDB900

Achromatopsia
B8B8B8

Achromatomaly
D1B875

CSS Examples

Text

The CSS property to change the color of the text to Hex FDB900 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 #FDB900 looks like.

```
.text, #text, p{  
    color:#FDB900  
}
```

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 #FDB900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB900
}
```

Border

The CSS property to change the border of an element to Hex FDB900 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
#FDB900 }
```

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

```
.border{ border-color:#FDB900 }
```

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

Here you see how a box with a 4 pixel #FDB900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB900; -webkit-box-shadow:4px 4px  
4px 4px #FDB900; box-shadow:4px 4px 4px  
4px #FDB900 }
```

Background

The CSS property to change the background color of an element to Hex FDB900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB900 }
```

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

```
.background{ background-color:#FDB900 }
```

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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