

Converting Colors

Hex(8FDB00)

Have a look what the booklet for
Hex(8FDB00) contains.

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Color

Hex(8FDB00)

Conversions

Conversions Part 1

Format	Color
Hex	8FDB00
RGB	143, 219, 0
RGB Percent	56%, 86%, 0%
CMY	0.4392, 0.1412, 1.0000
CMYK	0.35, 0.00, 1.00, 0.14
HSL	81°, 100%, 43%
HSV	81°, 100%, 86%
XYZ	36.6592, 56.5027, 8.9740
YIQ	171.3100, 25.0030, -84.2210

Conversions

Conversions Part 2

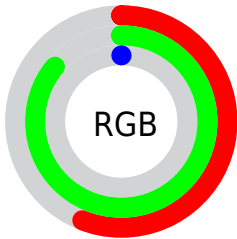
Format	Color
RYB	0, 219, 76
Decimal	9427712
CIELab	79.90, -49.40, 78.31
CIElCh	80, 92.586, 122.246
Yxy	56.5027, 0.3589, 0.5532
Android (android.graphics.Color)	4287617792 (0xFF8FDB00)
YUV	171.3100, -84.4558, -24.8279
Hunter-Lab	75.1683, -44.4908, 45.5394

Details

The Hex color **8FDB00** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4C00DB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CAFF56**, and **53A300** is the 20% darker color. If you saturate the color by 10%, you get **8FDB00**, and if you desaturate by 10%, it is **97DB16**.

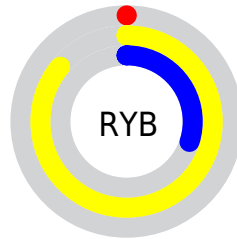
Distribution



Red (56%)

Green (86%)

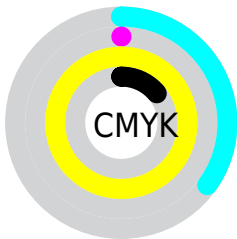
Blue (0%)



Red (0%)

Yellow (86%)

Blue (30%)

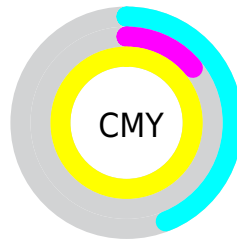


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (44%)

Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8FDB00 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 8FDB00 by changing the saturation by 10% instead.

 8FDB00

 8FDB00

FFFFFF

 71BF00

 CAFF56

 53A300

 E8FF74

 348900

 FFFF91

 046F00

 FFFFFAE

 005600

 FFFFCC

 003D00

 FFFFFE9

 002800

 000000

 8FDB00

 97DB16

 9EDB2C

 A6DB42

 ADDB58

 B5DB6E

 BDDB83

 C4DB99

 CCDBAF

 D3DBC5

Harmonies

Analogous

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



E7C500



8FDB00



00E770

Triad

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



8FDB00



00E3FF



FF65C3

Complementary

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



8FDB00



4C00DB

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.



FF80FF



8FDB00



00CFFF

Square

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



8FDB00



00ECFF



CAACFF



FF7A6F

Rectangle

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



8FDB00



00ECAC



CAACFF



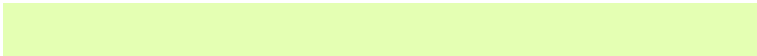
FF69E0

Sweetspot

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



8FDB00



E4FFB3



DB4900



708052



000000



808080

Same Dimension

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



8FDB00



A7FF00



24DB00



6A6E63



71AD00



1E2E00

Inverse Universe

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



4C00DB



5800FF



B700DB



66636E



3C00AD



10002E

Previews

White Background



This preview shows how the Hex color 8FDB00 looks on a white background.

Color Contrast Check

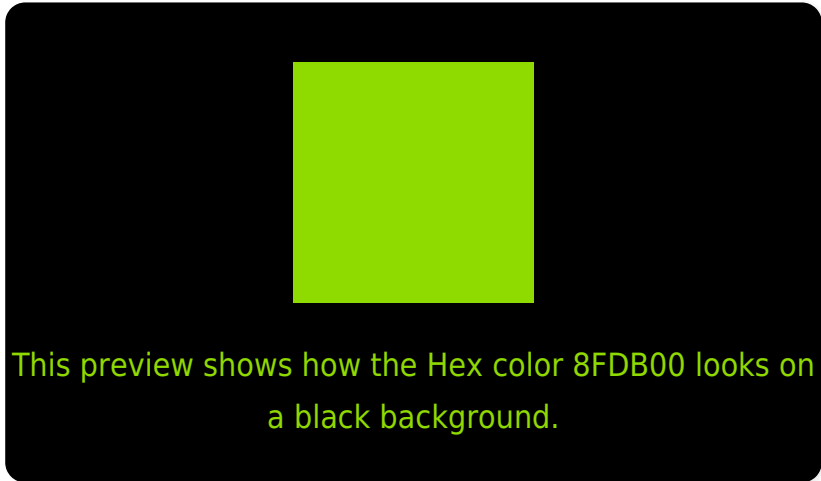
Large Text (above 18pt) WCAG AA × Fail

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 8FDB00 Background



This preview shows how black text looks on a background with the Hex color 8FDB00.

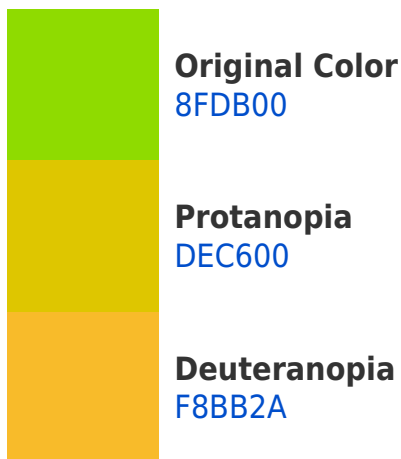


This preview shows how white text looks on a background with the Hex color 8FDB00.

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
8FDB00



Protanomaly
C1CE00



Deuteranomaly
D2C71B



Tritanomaly
9ED18C

Monochromacy



Original Color
8FDB00



Achromatopsia
ABABAB



Achromatomaly
A1BC6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FDB00 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 #8FDB00 looks like.

```
.text, #text, p{  
    color:#8FDB00  
}
```

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 #8FDB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FDB00
}
```

Border

The CSS property to change the border of an element to Hex 8FDB00 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
#8FDB00 }
```

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

```
.border{ border-color:#8FDB00 }
```

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

Here you see how a box with a 4 pixel #8FDB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FDB00; -webkit-box-shadow:4px 4px  
4px 4px #8FDB00; box-shadow:4px 4px 4px  
4px #8FDB00 }
```

Background

The CSS property to change the background color of an element to Hex 8FDB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FDB00 }
```

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

```
.background{ background-color:#8FDB00 }
```

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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