

Converting Colors

Hex(8FDD34)

Have a look what the booklet for
Hex(8FDD34) contains.

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Color

Hex(8FDD34)

Conversions

Conversions Part 1

Format	Color
Hex	8FDD34
RGB	143, 221, 52
RGB Percent	56%, 87%, 20%
CMY	0.4392, 0.1333, 0.7961
CMYK	0.35, 0.00, 0.76, 0.13
HSL	88°, 71%, 54%
HSV	88°, 76%, 87%
XYZ	37.8040, 57.8005, 12.4129
YIQ	178.4120, 7.7610, -69.0950

Conversions

Conversions Part 2

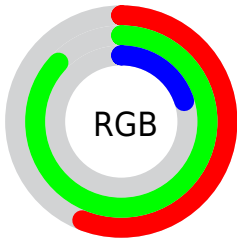
Format	Color
RYB	52, 221, 130
Decimal	9428276
CIELab	80.63, -48.79, 69.62
CIELCh	81, 85.017, 125.022
Yxy	57.8005, 0.3500, 0.5351
Android (android.graphics.Color)	4287618356 (0xFF8FDD34)
YUV	178.4120, -62.3211, -31.0563
Hunter-Lab	76.0266, -44.2881, 43.5383

Details

The Hex color **8FDD34** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle muted chartreuse. A complement of this color would be **8234DD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CAFF6F**, and **55A500** is the 20% darker color. If you saturate the color by 10%, you get **85DD1E**, and if you desaturate by 10%, it is **99DD4A**.

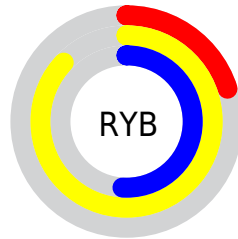
Distribution



Red (56%)

Green (87%)

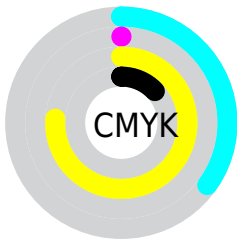
Blue (20%)



Red (20%)

Yellow (87%)

Blue (51%)

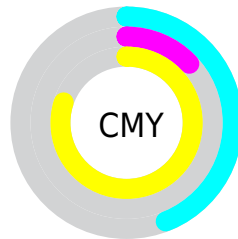


Cyan (35%)

Magenta (0%)

Yellow (76%)

Black (13%)



Cyan (44%)

Magenta (13%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FDD34 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 8FDD34 by changing the saturation by 10% instead.

 8FDD34

FFFFFF

 CAFF6F

 E7FF8B

 FFFFA8

 FFFFC5

 FFFFE2

 8FDD34

 72C108

 55A500


 368A00

 0E7000

 005700

 003F00

 002A00

 000400

 000000

 8FDD34

 8FDD34

 85DD1E

 99DD4A

 7BDD08

 A3DD60

 77DD00

 AEDD76

 B8DD8C

 C2DDA2

 CCDDB9

 D6DDCF

 E1DDE5

 EBDDFB

Harmonies

Analogous

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



E2C900



8FDD34



00E881

Triad

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



8FDD34



00E2FF



FF75BE

Complementary

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



8FDD34



8234DD

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.



FF88FF



8FDD34



00CDFF

Square

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



8FDD34



00EBFF



DAADFF



FF8871

Rectangle

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



8FDD34



00ECB8



DAADFF



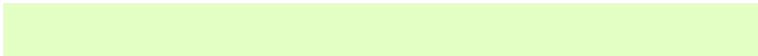
FF78D9

Sweetspot

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



8FDD34



E4FFC4



DD8034



6F805C



000000



808080

Same Dimension

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



8FDD34



93FF14



3CDD34



696E63



5DAD00



192E00

Inverse Universe

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



8234DD



8114FF



D534DD



68636E



5000AD



15002E

Previews

White Background



This preview shows how the Hex color 8FDD34 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



This preview shows how the Hex color 8FDD34 looks on a 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 8FDD34 Background



This preview shows how black text looks on a background with the Hex color 8FDD34.

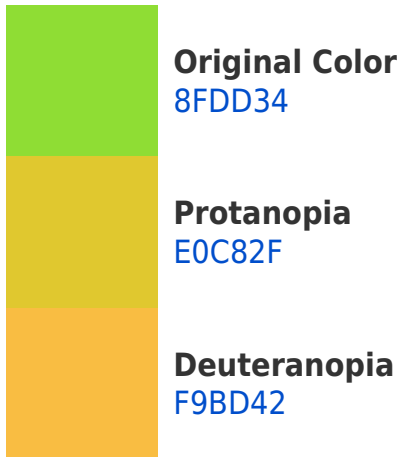


This preview shows how white text looks on a background with the Hex color 8FDD34.

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
8FDD34



Protanomaly
C3D031



Deuteranomaly
D2C93D



Tritanomaly
9DD3A0

Monochromacy



Original Color
8FDD34



Achromatopsia
B2B2B2



Achromatomaly
A5C284

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FDD34 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 #8FDD34 looks like.

```
.text, #text, p{  
    color:#8FDD34  
}
```

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 #8FDD34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FDD34
}
```

Border

The CSS property to change the border of an element to Hex 8FDD34 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
#8FDD34 }
```

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

```
.border{ border-color:#8FDD34 }
```

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

Here you see how a box with a 4 pixel #8FDD34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FDD34; -webkit-box-shadow:4px 4px  
4px 4px #8FDD34; box-shadow:4px 4px 4px  
4px #8FDD34 }
```

Background

The CSS property to change the background color of an element to Hex 8FDD34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FDD34 }
```

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

```
.background{ background-color:#8FDD34 }
```

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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