

Converting Colors

Hex(8DDF43)

Have a look what the booklet for
Hex(8DDF43) contains.

Hex(8DDF43)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8DDF43)

Conversions

Conversions Part 1

Format	Color
Hex	8DDF43
RGB	141, 223, 67
RGB Percent	55%, 87%, 26%
CMY	0.4471, 0.1255, 0.7373
CMYK	0.37, 0.00, 0.70, 0.13
HSL	92°, 71%, 57%
HSV	92°, 70%, 87%
XYZ	38.3853, 58.8433, 14.6450
YIQ	180.6980, 1.2040, -65.9000

Conversions

Conversions Part 2

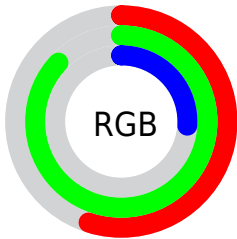
Format	Color
RYB	67, 223, 149
Decimal	9297731
CIELab	81.21, -49.41, 65.12
CIELCh	81, 81.743, 127.186
Yxy	58.8433, 0.3431, 0.5260
Android (android.graphics.Color)	4287487811 (0xFF8DDF43)
YUV	180.6980, -56.0531, -34.8151
Hunter-Lab	76.7094, -44.9202, 42.3772

Details

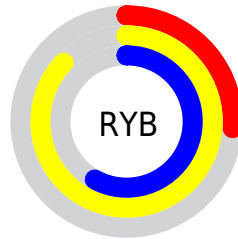
The Hex color **8DDF43** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **9543DF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C7FF7B**, and **53A700** is the 20% darker color. If you saturate the color by 10%, you get **81DF2D**, and if you desaturate by 10%, it is **99DF59**.

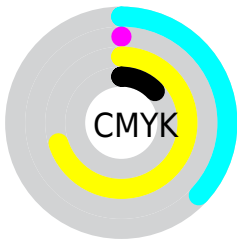
Distribution



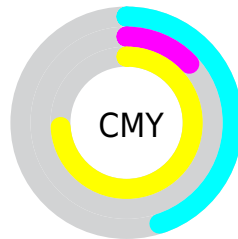
- Red (55%)
- Green (87%)
- Blue (26%)



- Red (26%)
- Yellow (87%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (70%)
- Black (13%)



- Cyan (45%)
- Magenta (13%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DDF43 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 8DDF43 by changing the saturation by 10% instead.

 8DDF43

 8DDF43

FFFFFF

 70C323

 C7FF7B

 53A700

 E5FF97

 348C00

 FFFFB4

 087200

 FFFFD1

 005900

 FFFFEE

 004000

 002B00

 000800

 000000

 8DDF43

 8DDF43

 81DF2D

 99DF59

 76DF16

 A4DF70

 6ADF00

 B0DF86

 BCDF9C

 C8DFB3

 D3DFC9

 DFDFDF

 EBDFF5

 F6DFFF

Harmonies

Analogous

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



DFCC07



8DDF43



00EA8B

Triad

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



8DDF43



00E2FF



FF7DBA

Complementary

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



8DDF43



9543DF

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.



FF8BFF



8DDF43



00CFFF

Square

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



8DDF43



00ECFF



E4ADFF



FF9071

Rectangle

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



8DDF43



00EDC0



E4ADFF



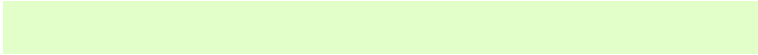
FF7ED4

Sweetspot

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



8DDF43



E3FFC9



DF9443



6F8060



000000



808080

Same Dimension

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



8DDF43



8EFF29



43DF46



6A7065



53B000



173000

Inverse Universe

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



9543DF



9929FF



DF43DC



6B6570



5C00B0



190030

Previews

White Background



This preview shows how the Hex color 8DDF43 looks on a white background.

Color Contrast Check

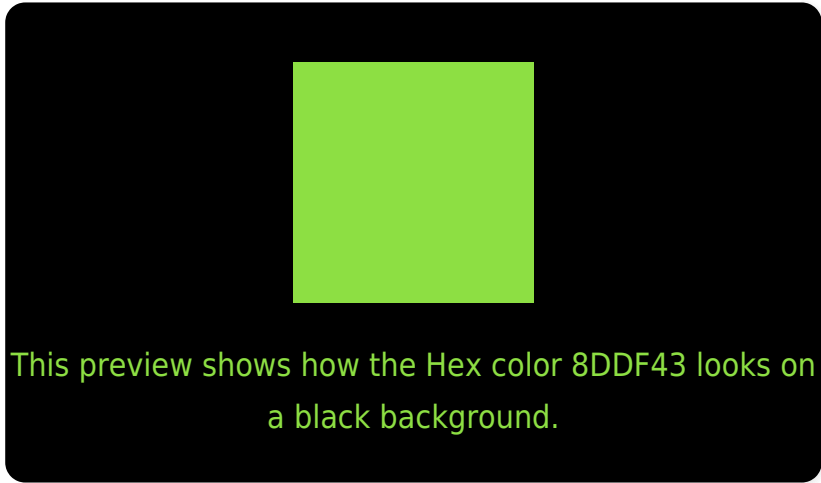
Large Text (above 18pt) WCAG AA × Fail

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 8DDF43 Background



This preview shows how black text looks on a background with the Hex color 8DDF43.

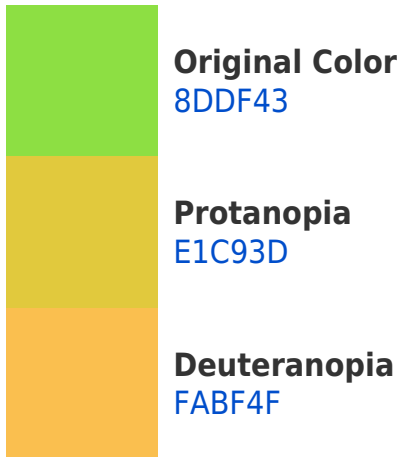


This preview shows how white text looks on a background with the Hex color 8DDF43.

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
A3D0E1

Trichromacy



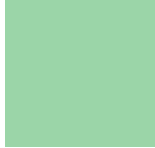
Original Color
8DDF43



Protanomaly
C2D13F



Deuteranomaly
D2CB4B



Tritanomaly
9BD5A8

Monochromacy



Original Color
8DDF43



Achromatopsia
B5B5B5



Achromatomaly
A6C48C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DDF43 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 #8DDF43 looks like.

```
.text, #text, p{  
    color:#8DDF43  
}
```

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 #8DDF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DDF43  
}
```

Border

The CSS property to change the border of an element to Hex 8DDF43 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  
#8DDF43 }
```

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

```
.border{ border-color:#8DDF43 }
```

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

Here you see how a box with a 4 pixel #8DDF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DDF43; -webkit-box-shadow:4px 4px  
4px 4px #8DDF43; box-shadow:4px 4px 4px  
4px #8DDF43 }
```

Background

The CSS property to change the background color of an element to Hex 8DDF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DDF43 }
```

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

```
.background{ background-color:#8DDF43 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor