

Converting Colors

Hex(8FD10C)

Have a look what the booklet for
Hex(8FD10C) contains.

Hex(8FD10C)	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(8FD10C)

Conversions

Conversions Part 1

Format	Color
Hex	8FD10C
RGB	143, 209, 12
RGB Percent	56%, 82%, 5%
CMY	0.4392, 0.1804, 0.9529
CMYK	0.32, 0.00, 0.94, 0.18
HSL	80°, 89%, 43%
HSV	80°, 94%, 82%
XYZ	34.1945, 51.4671, 8.4797
YIQ	166.8080, 23.9010, -75.2590

Conversions

Conversions Part 2

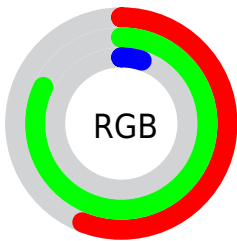
Format	Color
RYB	12, 209, 78
Decimal	9425164
CIELab	76.96, -45.08, 74.87
CIELCh	77, 87.394, 121.055
Yxy	51.4671, 0.3632, 0.5467
Android (android.graphics.Color)	4287615244 (0xFF8FD10C)
YUV	166.8080, -76.3203, -20.8796
Hunter-Lab	71.7406, -40.4656, 43.2103

Details

The Hex color **8FD10C** 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 **4E0CD1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CAFF57**, and **559A00** is the 20% darker color. If you saturate the color by 10%, you get **8BD100**, and if you desaturate by 10%, it is **96D121**.

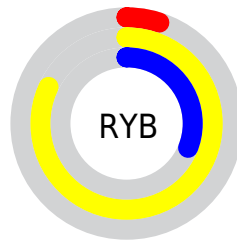
Distribution



Red (56%)

Green (82%)

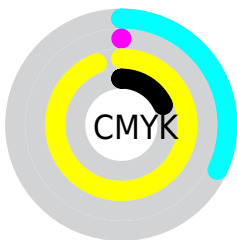
Blue (5%)



Red (5%)

Yellow (82%)

Blue (31%)

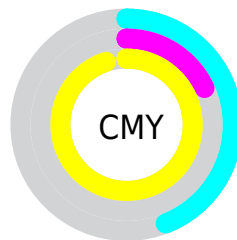


Cyan (32%)

Magenta (0%)

Yellow (94%)

Black (18%)



Cyan (44%)

Magenta (18%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FD10C 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 8FD10C by changing the saturation by 10% instead.

 8FD10C

 8FD10C

FFFFFF

 72B500

 CAFF57

 559A00

 E8FF75

 378000

 FFFF91

 106600

 FFFFAE

 004D00

 FFFFCB

 003600

 FFFF E9

 002000

 000000

 8FD10C

 8FD10C

■ 8BD100

■ 96D121

■ 9DD136

■ A4D14B

■ ABD160

■ B2D175

■ B9D189

■ C0D19E

■ C7D1B3

■ CED1C8

Harmonies

Analogous

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



E0BB00



8FD10C



00DD6B

Triad

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



8FD10C



00DAFF



FF65BF

Complementary

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



8FD10C



4E0CD1

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.



FF7FFF



8FD10C



00C7FF

Square

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



8FD10C



00E2FF



BDA7FF



FF766F

Rectangle

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



8FD10C



00E1A2



BDA7FF



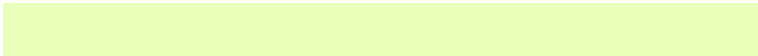
FF6ADA

Sweetspot

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



8FD10C



E7FFB8



D14E0C



718054



000000



808080

Same Dimension

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



8FD10C



AAFF00



2DD10C



65695E



70A800



1B2900

Inverse Universe

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



4E0CD1



5500FF



B00CD1



625E69



3800A8



0E0029

Previews

White Background



This preview shows how the Hex color 8FD10C looks on a white background.

Color Contrast Check

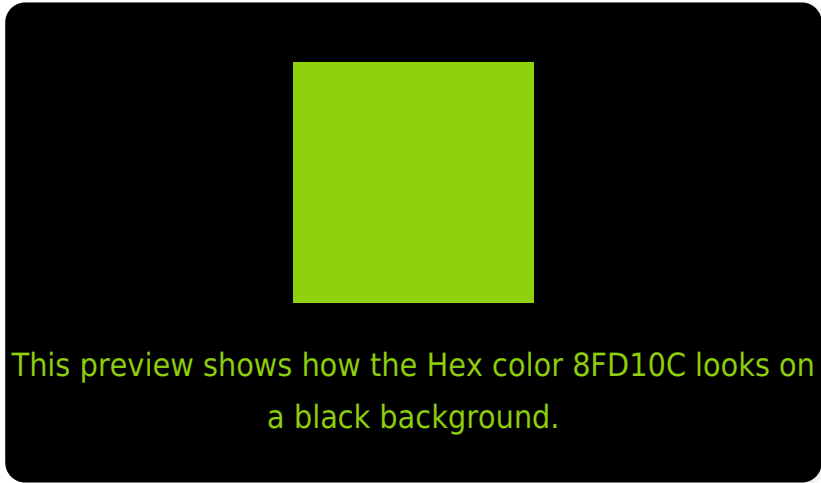
Large Text (above 18pt) WCAG AA × Fail

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 8FD10C Background



This preview shows how black text looks on a background with the Hex color 8FD10C.



This preview shows how white text looks on a background with the Hex color 8FD10C.

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



Original Color
8FD10C

Protanopia
D5BE00

Deuteranopia
EEB329



Tritanopia
A4C2D2

Trichromacy



Original Color
8FD10C



Protanomaly
BCC504



Deuteranomaly
CBBE1E

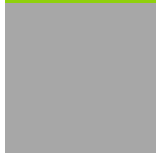


Tritanomaly
9CC78A

Monochromacy



Original Color
8FD10C



Achromatopsia
A7A7A7



Achromatomaly
9EB66F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FD10C 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 #8FD10C looks like.

```
.text, #text, p{  
    color:#8FD10C  
}
```

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 #8FD10C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FD10C
}
```

Border

The CSS property to change the border of an element to Hex 8FD10C 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
#8FD10C }
```

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

```
.border{ border-color:#8FD10C }
```

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

Here you see how a box with a 4 pixel #8FD10C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FD10C; -webkit-box-shadow:4px 4px  
4px 4px #8FD10C; box-shadow:4px 4px 4px  
4px #8FD10C }
```

Background

The CSS property to change the background color of an element to Hex 8FD10C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FD10C }
```

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

```
.background{ background-color:#8FD10C }
```

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