

Converting Colors

Hex(8DC930)

Have a look what the booklet for
Hex(8DC930) contains.

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Color

Hex(8DC930)

Conversions

Conversions Part 1

Format	Color
Hex	8DC930
RGB	141, 201, 48
RGB Percent	55%, 79%, 19%
CMY	0.4471, 0.2118, 0.8118
CMYK	0.30, 0.00, 0.76, 0.21
HSL	84°, 61%, 49%
HSV	84°, 76%, 79%
XYZ	32.4047, 47.6494, 10.2857
YIQ	165.6180, 13.3530, -60.3030

Conversions

Conversions Part 2

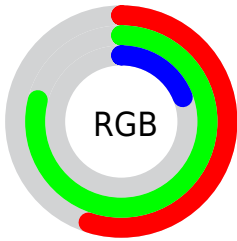
Format	Color
RYB	48, 201, 108
Decimal	9292080
CIELab	74.60, -41.24, 65.13
CIELCh	75, 77.083, 122.341
Yxy	47.6494, 0.3587, 0.5274
Android (android.graphics.Color)	4287482160 (0xFF8DC930)
YUV	165.6180, -57.9857, -21.5900
Hunter-Lab	69.0286, -37.0052, 39.4854

Details

The Hex color **8DC930** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **6C30C9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C7FF6A**, and **559300** is the 20% darker color. If you saturate the color by 10%, you get **85C91C**, and if you desaturate by 10%, it is **95C944**.

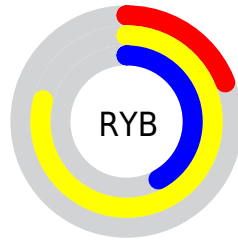
Distribution



Red (55%)

Green (79%)

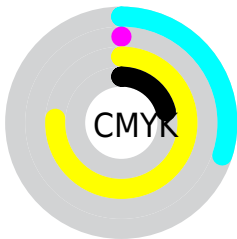
Blue (19%)



Red (19%)

Yellow (79%)

Blue (42%)

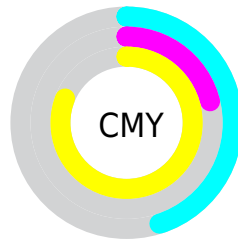


Cyan (30%)

Magenta (0%)

Yellow (76%)

Black (21%)



Cyan (45%)

Magenta (21%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DC930 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 8DC930 by changing the saturation by 10% instead.

 8DC930

 8DC930

FFFFFF

 71AD05

 C7FF6A

 559300

 E4FF85

 387800

 FFFFA1

 175F00

 FFFFBE

 004700

 FFFFDB

 003000

 FFFFF8

 001900

 000000

 8DC930

 8DC930

 85C91C

 95C944

 7DC908

 9DC958

 7AC900

 A5C96C

 ADC980

 B4C995

 BCC9A9

 C4C9BD

 CCC9D1

 D4C9E5

Harmonies

Analogous

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



D5B600



8DC930



00D472

Triad

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



8DC930



00D0FF



FF70B5

Complementary

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



8DC930



6C30C9

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.



FF82FB



8DC930



00BEFF

Square

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



8DC930



00D8FF



BEA2FF



FF7D70

Rectangle

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



8DC930



00D7A2



BEA2FF



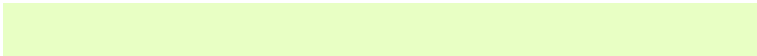
FF73CD

Sweetspot

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



8DC930



E8FFC4



C96B30



72805C



000000



808080

Same Dimension

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



8DC930



A4FF17



42C930



60635A



63A300



162400

Inverse Universe

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



6C30C9



7217FF



B730C9



5D5A63



4000A3



0E0024

Previews

White Background



This preview shows how the Hex color 8DC930 looks on a white background.

Color Contrast Check

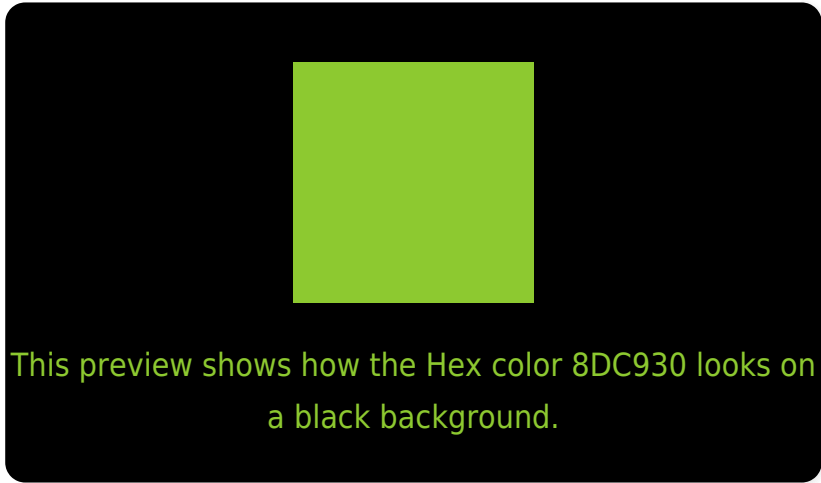
Large Text (above 18pt) WCAG AA × Fail

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 8DC930 Background



This preview shows how black text looks on a background with the Hex color 8DC930.

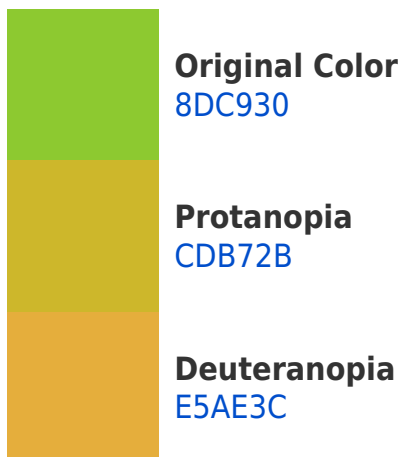


This preview shows how white text looks on a background with the Hex color 8DC930.

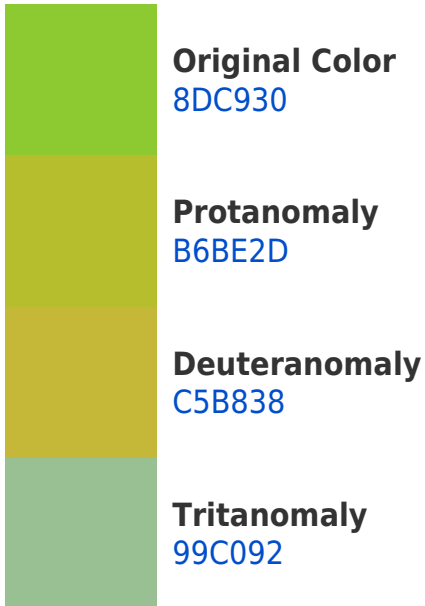
Color Blindness Simulation

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](#).

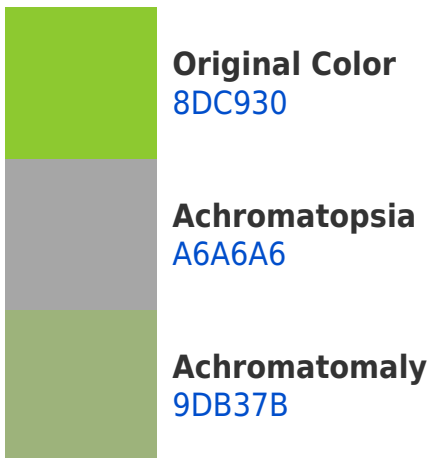
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DC930 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 #8DC930 looks like.

```
.text, #text, p{  
    color:#8DC930  
}
```

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 #8DC930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC930
}
```

Border

The CSS property to change the border of an element to Hex 8DC930 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
#8DC930 }
```

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

```
.border{ border-color:#8DC930 }
```

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

Here you see how a box with a 4 pixel #8DC930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC930; -webkit-box-shadow:4px 4px  
4px 4px #8DC930; box-shadow:4px 4px 4px  
4px #8DC930 }
```

Background

The CSS property to change the background color of an element to Hex 8DC930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC930 }
```

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

```
.background{ background-color:#8DC930 }
```

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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