

# Converting Colors

Hex(8DC911)

Have a look what the booklet for  
Hex(8DC911) contains.

<b>Hex(8DC911)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8DC911)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DC911
RGB	141, 201, 17
RGB Percent	55%, 79%, 7%
CMY	0.4471, 0.2118, 0.9333
CMYK	0.30, 0.00, 0.92, 0.21
HSL	80°, 84%, 43%
HSV	80°, 92%, 79%
XYZ	31.9723, 47.4765, 8.0091
YIQ	162.0840, 23.3040, -69.9440

# Conversions

## Conversions Part 2

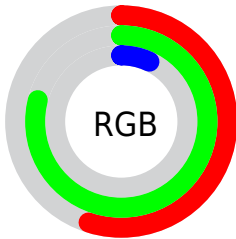
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 201, 77
Decimal	9292049
CIELab	74.49, -42.32, 72.22
CIELCh	74, 83.712, 120.370
Yxy	47.4765, 0.3656, 0.5428
Android (android.graphics.Color)	4287482129 (0xFF8DC911)
YUV	162.0840, -71.5264, -18.4907
Hunter-Lab	68.9032, -37.7533, 41.3406

# Details

The Hex color **8DC911** 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 **4D11C9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C7FF57**, and **549300** is the 20% darker color. If you saturate the color by 10%, you get **87C900**, and if you desaturate by 10%, it is **94C925**.

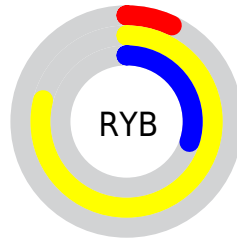
# Distribution



Red (55%)

Green (79%)

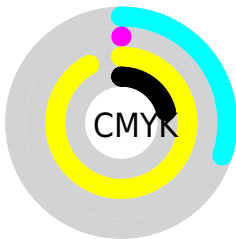
Blue (7%)



Red (7%)

Yellow (79%)

Blue (30%)

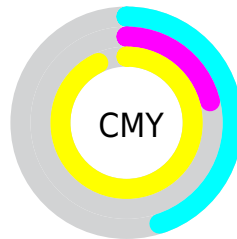


Cyan (30%)

Magenta (0%)

Yellow (92%)

Black (21%)



Cyan (45%)

Magenta (21%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DC911 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 8DC911 by changing the saturation by 10% instead.



 8DC911

 8DC911

FFFFFF

 70AD00

 C7FF57

 549300

 E5FF74

 367800

 FFFF91

 125F00

 FFFFAD

 004700

 FFFFCA

 003000

 FFFFEB

 001800

 000000

 8DC911

 8DC911

■ 87C900

■ 94C925

■ 9AC939

■ A1C94D

■ A7C961

■ AEC976

■ B4C98A

■ BBC99E

■ C1C9B2

■ C8C9C6

# Harmonies

## Analogous

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



DAB400



8DC911



00D566

# Triad

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



8DC911



00D2FF



FF64BA

# Complementary

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



8DC911



4D11C9

# 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.



FF7DFF



8DC911



00C0FF

# Square

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



8DC911



00DAFF



B4A2FF



FF736E

# Rectangle

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



8DC911



00D99B



B4A2FF



FF69D4

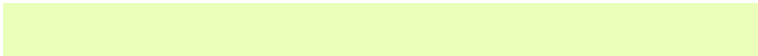


# Sweetspot

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



8DC911



E9FFBA



C94B11



728057



000000



808080



# Same Dimension

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



8DC911



ACFF00



33C911



60635A



6EA300



182400



# Inverse Universe

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



4D11C9



5300FF



A711C9



5D5A63



3500A3



0C0024



# Previews

## White Background



This preview shows how the Hex color 8DC911 looks on a white background.

## Color Contrast Check

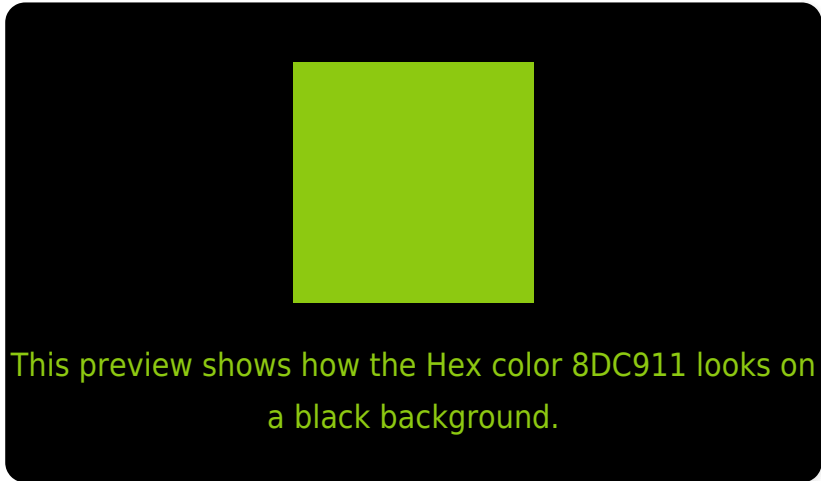
Large Text (above 18pt) WCAG AA × Fail

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 8DC911 Background



This preview shows how black text looks on a background with the Hex color 8DC911.

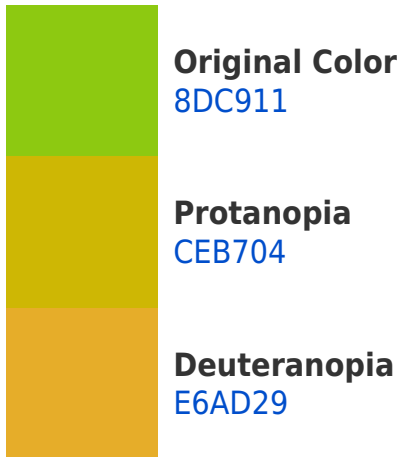


This preview shows how white text looks on a background with the Hex color 8DC911.

# Color Blindness Simulation

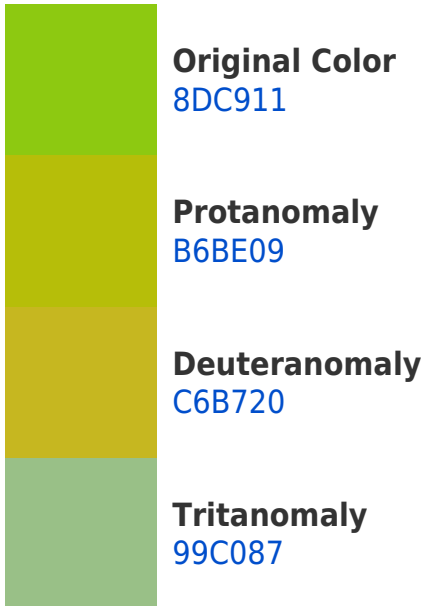
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DC911 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 #8DC911 looks like.

```
.text, #text, p{  
    color:#8DC911  
}
```

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 #8DC911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC911
}
```

## Border

The CSS property to change the border of an element to Hex 8DC911 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
#8DC911 }
```

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

```
.border{ border-color:#8DC911 }
```

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

Here you see how a box with a 4 pixel #8DC911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC911; -webkit-box-shadow:4px 4px  
4px 4px #8DC911; box-shadow:4px 4px 4px  
4px #8DC911 }
```

# Background

The CSS property to change the background color of an element to Hex 8DC911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC911 }
```

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

```
.background{ background-color:#8DC911 }
```

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