

# Converting Colors

Hex(8DC20F)

Have a look what the booklet for  
Hex(8DC20F) contains.

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**Color**

**Hex(8DC20F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DC20F
RGB	141, 194, 15
RGB Percent	55%, 76%, 6%
CMY	0.4471, 0.2392, 0.9412
CMYK	0.27, 0.00, 0.92, 0.24
HSL	78°, 86%, 41%
HSV	78°, 92%, 76%
XYZ	30.3625, 44.2808, 7.3987
YIQ	157.7470, 25.8710, -66.9050

# Conversions

## Conversions Part 2

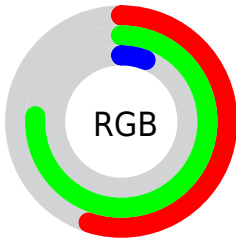
Format	Color
<a href="#">RYB</a>	<a href="#">15, 194, 68</a>
Decimal	<a href="#">9290255</a>
CIELab	<a href="#">72.42, -39.30, 70.83</a>
CIELCh	<a href="#">72, 81.002, 119.027</a>
Yxy	<a href="#">44.2808, 0.3701, 0.5397</a>
Android (android.graphics.Color)	<a href="#">4287480335</a> ( <a href="#">0xFF8DC20F</a> )
YUV	<a href="#">157.7470, -70.3743, -14.6871</a>
Hunter-Lab	<a href="#">66.5438, -35.0059, 39.9885</a>

# Details

The Hex color **8DC20F** 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 **440FC2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C7FB55**, and **548C00** is the 20% darker color. If you saturate the color by 10%, you get **89C200**, and if you desaturate by 10%, it is **93C222**.

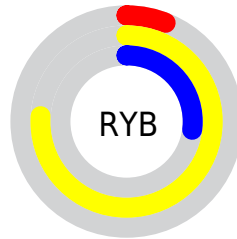
# Distribution



Red (55%)

Green (76%)

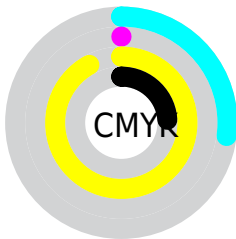
Blue (6%)



Red (6%)

Yellow (76%)

Blue (27%)

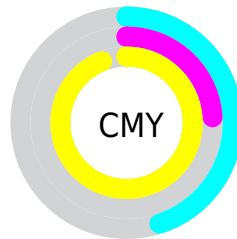


Cyan (27%)

Magenta (0%)

Yellow (92%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DC20F 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 8DC20F by changing the saturation by 10% instead.



 8DC20F

 8DC20F

FFFFFF

 71A700

 C7FB55

 548C00

 E5FF72

 387200

 FFFF8E

 165900

 FFFFAB

 004100

 FFFFC8

 002B00

 FFFF E5

 001000

 000000

 8DC20F

 8DC20F

■ 89C200

■ 93C222

■ 98C236

■ 9EC249

■ A4C25D

■ AAC270

■ AFC283

■ B5C297

■ BBC2AA

■ C1C2BE

# Harmonies

## Analogous

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



D6AD00



8DC20F



00CE60

# Triad

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



8DC20F



00CCFF



FF63B7

# Complementary

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



8DC20F



440FC2

# 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.



FF7BFF



8DC20F



00BBFF

# Square

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



8DC20F



00D3F8



A99FFF



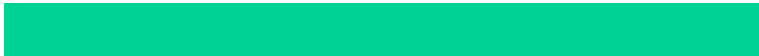
FF6F6E

# Rectangle

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



8DC20F



00D293



A99FFF



FF68D0

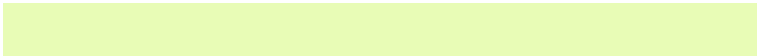


# Sweetspot

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



8DC20F



E8FCB6



C2420F



738054



000000



808080



# Same Dimension

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



8DC20F



B2FC00



36C20F



5E6157



71A100



172100



# Inverse Universe

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



440FC2



4B00FC



9B0FC2



5A5761



3000A1



0A0021



# Previews

## White Background



This preview shows how the Hex color 8DC20F looks on a white background.

## Color Contrast Check

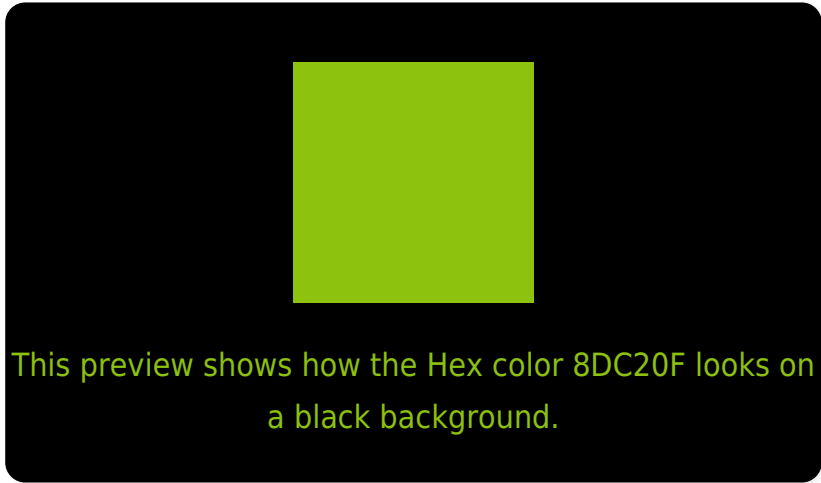
Large Text (above 18pt) WCAG AA × Fail

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 8DC20F Background



This preview shows how black text looks on a background with the Hex color 8DC20F.

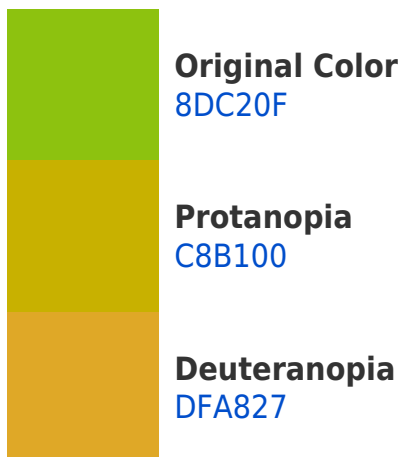


This preview shows how white text looks on a background with the Hex color 8DC20F.

# 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](#).

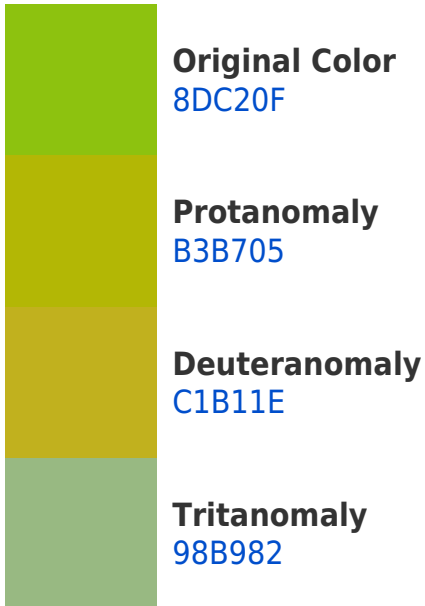
## Dichromacy





**Tritanopia**  
9FB4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DC20F 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 #8DC20F looks like.

```
.text, #text, p{  
    color:#8DC20F  
}
```

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 #8DC20F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC20F
}
```

## Border

The CSS property to change the border of an element to Hex 8DC20F 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
#8DC20F }
```

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

```
.border{ border-color:#8DC20F }
```

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

Here you see how a box with a 4 pixel #8DC20F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC20F; -webkit-box-shadow:4px 4px  
4px 4px #8DC20F; box-shadow:4px 4px 4px  
4px #8DC20F }
```

# Background

The CSS property to change the background color of an element to Hex 8DC20F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC20F }
```

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

```
.background{ background-color:#8DC20F }
```

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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