

# Converting Colors

Hex(8DC478)

Have a look what the booklet for  
Hex(8DC478) contains.

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# **Color**

**Hex(8DC478)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DC478
RGB	141, 196, 120
RGB Percent	55%, 77%, 47%
CMY	0.4471, 0.2314, 0.5294
CMYK	0.28, 0.00, 0.39, 0.23
HSL	103°, 39%, 62%
HSV	103°, 39%, 77%
XYZ	34.1146, 46.4986, 24.9464
YIQ	170.8910, -8.3840, -35.2960

# Conversions

## Conversions Part 2

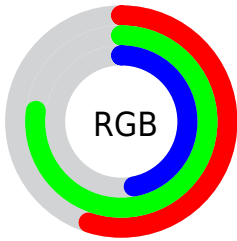
Format	Color
<a href="#">RYB</a>	<a href="#">120, 196, 175</a>
Decimal	<a href="#">9290872</a>
CIELab	<a href="#">73.87, -32.03, 32.56</a>
CIELCh	<a href="#">74, 45.675, 134.524</a>
Yxy	<a href="#">46.4986, 0.3232, 0.4405</a>
Android (android.graphics.Color)	<a href="#">4287480952</a> ( <a href="#">0xFF8DC478</a> )
YUV	<a href="#">170.8910, -25.0893, -26.2144</a>
Hunter-Lab	<a href="#">68.1899, -30.0309, 26.0425</a>

# Details

The Hex color **8DC478** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF78C4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C4FDAD**, and **588E46** is the 20% darker color. If you saturate the color by 10%, you get **7FC464**, and if you desaturate by 10%, it is **9BC48C**.

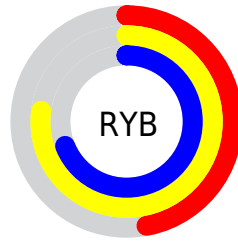
# Distribution



Red (55%)

Green (77%)

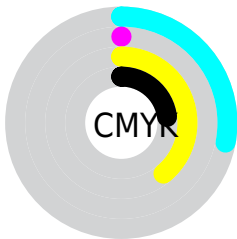
Blue (47%)



Red (47%)

Yellow (77%)

Blue (69%)

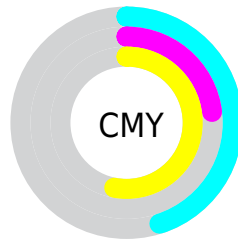


Cyan (28%)

Magenta (0%)

Yellow (39%)

Black (23%)



Cyan (45%)

Magenta (23%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DC478 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 8DC478 by changing the saturation by 10% instead.





8DC478



8DC478

FFFFFF



72A95F



C4FDAD



588E46



E1FFC9



3F742E



FEFFE5



255B17



064300



002C00



001600



000000



8DC478



8DC478

 7FC464

 9BC48C

 71C451

 A9C49F

 62C43D

 B8C4B3

 54C42A

 C6C4C6

 46C416

 D4C4DA

 38C402

 E2C4EE

 36C400

 F0C4FF

 FEC4FF

 FFC4FF

# Harmonies

## Analogous

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



BCBA62



8DC478



52CA9E

# Triad

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



8DC478



40C0FF



FF94A3

# Complementary

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



8DC478



AF78C4

# 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.



F996CD



8DC478



98B3FF

# Square

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



8DC478



00C8EF



D4A3F2



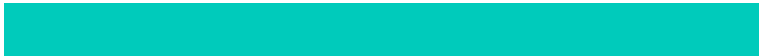
FD9D7D

# Rectangle

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



8DC478



00CBBB



D4A3F2



FF94B1

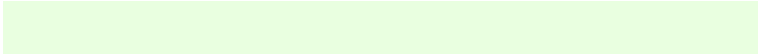


# Sweetspot

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



8DC478



E9FFE0



C4AE78



73806E



000000



808080

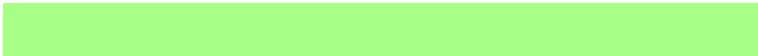


# Same Dimension

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



8DC478



A8FF87



78C488



5A6157



2CA100



092100



# Inverse Universe

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



AF78C4



DE87FF



C478B4



5E5761



7400A1



180021



# Previews

## White Background



This preview shows how the Hex color 8DC478 looks on a white background.

## Color Contrast Check

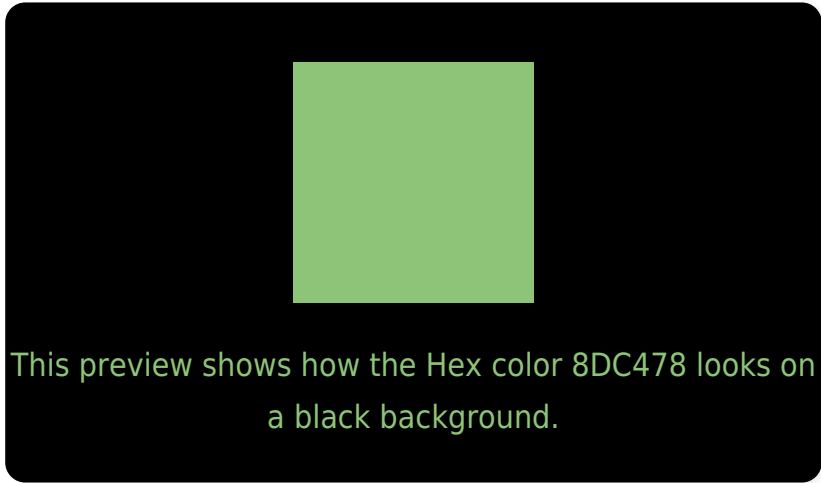
Large Text (above 18pt) WCAG AA × Fail

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 8DC478 Background



This preview shows how black text looks on a background with the Hex color 8DC478.

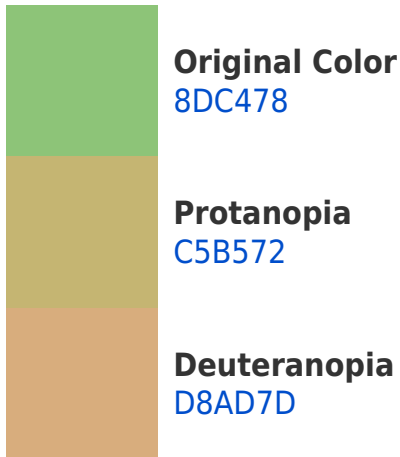


This preview shows how white text looks on a background with the Hex color 8DC478.

# Color Blindness Simulation

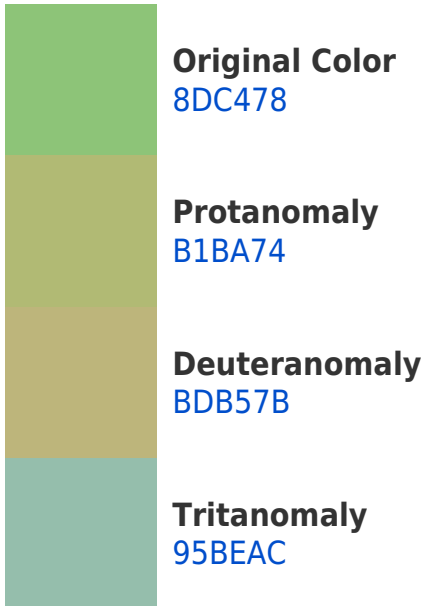
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

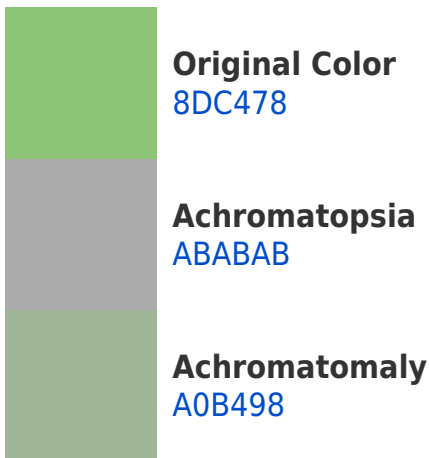




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DC478 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 #8DC478 looks like.

```
.text, #text, p{  
    color:#8DC478  
}
```

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 #8DC478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC478  
}
```

## Border

The CSS property to change the border of an element to Hex 8DC478 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  
#8DC478 }
```

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

```
.border{ border-color:#8DC478 }
```

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

Here you see how a box with a 4 pixel #8DC478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC478; -webkit-box-shadow:4px 4px  
4px 4px #8DC478; box-shadow:4px 4px 4px  
4px #8DC478 }
```

# Background

The CSS property to change the background color of an element to Hex 8DC478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC478 }
```

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

```
.background{ background-color:#8DC478 }
```

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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