

# Converting Colors

Hex(08D689)

Have a look what the booklet for  
Hex(08D689) contains.

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**Color**

**Hex(08D689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08D689
RGB	8, 214, 137
RGB Percent	3%, 84%, 54%
CMY	0.9686, 0.1608, 0.4627
CMYK	0.96, 0.00, 0.36, 0.16
HSL	158°, 93%, 44%
HSV	158°, 96%, 84%
XYZ	28.6621, 49.9509, 31.7978
YIQ	143.6280, -98.0590, -67.6190

# Conversions

## Conversions Part 2

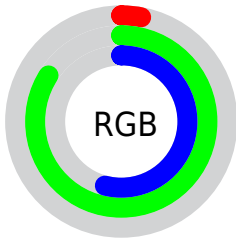
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 135, 214
Decimal	579209
CIELab	76.04, -61.43, 26.00
CIELCh	76, 66.701, 157.061
Yxy	49.9509, 0.2596, 0.4524
Android (android.graphics.Color)	4278769289 (0xFF08D689)
YUV	143.6280, -3.2676, -118.9458
Hunter-Lab	70.6760, -51.2937, 22.7981

# Details

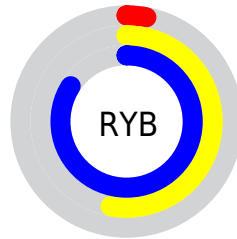
The Hex color **08D689** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D60855**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6AFFBF**, and **009E56** is the 20% darker color. If you saturate the color by 10%, you get **00D686**, and if you desaturate by 10%, it is **1DD691**.

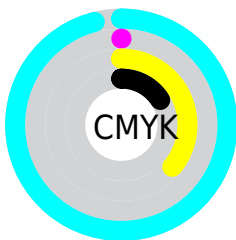
# Distribution



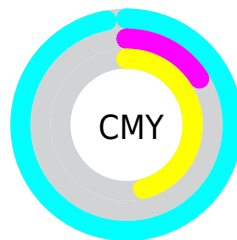
- Red (3%)
- Green (84%)
- Blue (54%)



- Red (3%)
- Yellow (53%)
- Blue (84%)



- Cyan (96%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)



- Cyan (97%)
- Magenta (16%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08D689 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 08D689 by changing the saturation by 10% instead.



 08D689

 08D689

FFFFFF

 00BA6F


 6AFFBF

 009E56

 8AFFDB

 00833E

 AAFF7

 006827

 C9FFF

 004F11

 E8FFF

 003700

 001D00

 000000

 08D689

 08D689

■ 00D686

■ 1DD691

■ 33D699

■ 48D6A1

■ 5ED6A9

■ 73D6B1

■ 88D6B9

■ 9ED6C1

■ B3D6C9

■ C9D6D1

# Harmonies

## Analogous

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



8ECD53



08D689



00D9C9

# Triad

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



08D689



57BEFF



FF8F74

# Complementary

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



08D689



D60855

# 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.



FF83AF



08D689



D2A5FF

# Square

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



08D689



00CFFF



FF8CED



FFA747

# Rectangle

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



08D689



00D9F2



FF8CED



FF8987

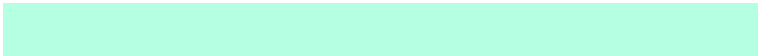


# Sweetspot

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



08D689



B5FFE3



57D608



53806F



000000



808080



# Same Dimension

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



08D689



00FFA0



08BED6



606B67



00AB6B



002B1B



# Inverse Universe

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



D60855



FF005F



D62008



6B6064



AB0040

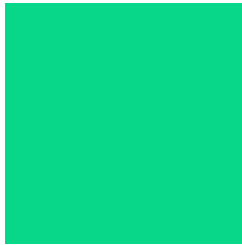


2B0010



# Previews

## White Background



This preview shows how the Hex color 08D689 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



This preview shows how the Hex color 08D689 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

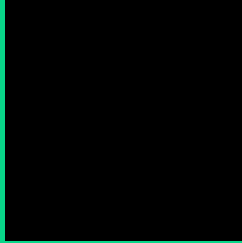
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 08D689 Background



This preview shows how black text looks on a background with the Hex color 08D689.



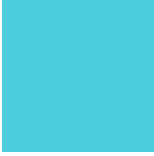
This preview shows how white text looks on a background with the Hex color 08D689.

# 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



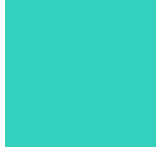
**Original Color**  
08D689



**Protanomaly**  
83C481



**Deuteranomaly**  
8DBF8E



**Tritanomaly**  
33D0BE

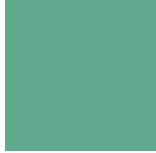
# Monochromacy



**Original Color**  
08D689



**Achromatopsia**  
909090



**Achromatomaly**  
5FA98D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08D689 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 #08D689 looks like.

```
.text, #text, p{  
    color:#08D689  
}
```

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 #08D689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08D689
}
```

## Border

The CSS property to change the border of an element to Hex 08D689 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
#08D689 }
```

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

```
.border{ border-color:#08D689 }
```

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

Here you see how a box with a 4 pixel #08D689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08D689; -webkit-box-shadow:4px 4px  
4px 4px #08D689; box-shadow:4px 4px 4px  
4px #08D689 }
```

# Background

The CSS property to change the background color of an element to Hex 08D689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08D689 }
```

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

```
.background{ background-color:#08D689 }
```

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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