

Converting Colors

Hex(88D689)

Have a look what the booklet for
Hex(88D689) contains.

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Color

Hex(88D689)

Conversions

Conversions Part 1

Format	Color
Hex	88D689
RGB	136, 214, 137
RGB Percent	53%, 84%, 54%
CMY	0.4667, 0.1608, 0.4627
CMYK	0.36, 0.00, 0.36, 0.16
HSL	121°, 49%, 69%
HSV	121°, 36%, 84%
XYZ	38.7153, 55.1335, 32.2682
YIQ	181.9000, -21.7710, -40.4830

Conversions

Conversions Part 2

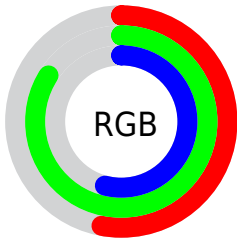
Format	Color
RYB	136, 213, 214
Decimal	8967817
CIELab	79.12, -39.35, 30.65
CIElCh	79, 49.883, 142.083
Yxy	55.1335, 0.3070, 0.4372
Android (android.graphics.Color)	4287157897 (0xFF88D689)
YUV	181.9000, -22.1357, -40.2543
Hunter-Lab	74.2519, -36.8703, 26.2103

Details

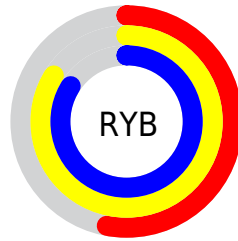
The Hex color **88D689** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D688D5**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C0FFBF**, and **529F56** is the 20% darker color. If you saturate the color by 10%, you get **73D674**, and if you desaturate by 10%, it is **9DD69E**.

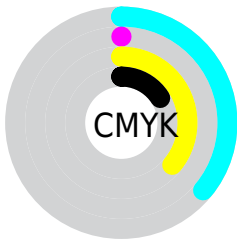
Distribution



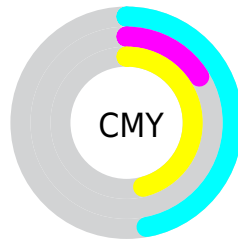
- Red (53%)
- Green (84%)
- Blue (54%)



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



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



- Cyan (47%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88D689 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 88D689 by changing the saturation by 10% instead.

 88D689

 88D689

FFFFFF

 6DBA6F

 C0FFBF

 529F56

 DDFFD8

 36843E

 FAFF8

 186A26

 00520F

 003A00

 002600

 000000

 88D689

 88D689

 73D674

 9DD69E

 5DD65F

 B3D6B3

 48D64A

 C8D6C8

 32D634

 DED6DE

 1DD61F

 F3D6F3

 08D60A

 FFD6FF

 00D603

Harmonies

Analogous

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



BECC6B



88D689



3CDDB6

Triad

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



88D689



5CCCFE



FFA0A3

Complementary

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



88D689



D688D5

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.



FF9FD2



88D689



B5BDFF

Square

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



88D689



00D7FF



F2ABFE



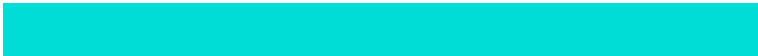
FFAC7C

Rectangle

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



88D689



00DCD6



F2ABFE



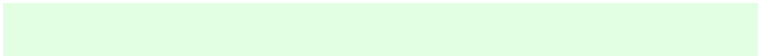
FF9EB3

Sweetspot

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



88D689



E3FFE3



D6D688



6F806F



000000



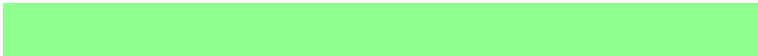
808080

Same Dimension

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



88D689



8FFF90



88D6AF



606B61



00AB02



002B01

Inverse Universe

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



D688D5



FF8FFE



D688AF



6B606B



AB00A9



2B002B

Previews

White Background



This preview shows how the Hex color 88D689 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 88D689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

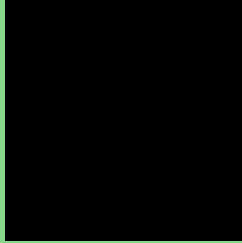
Any Text WCAG AA ✓ Pass

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 88D689 Background



This preview shows how black text looks on a background with the Hex color 88D689.

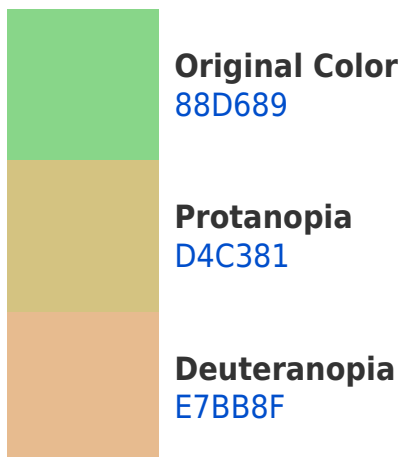


This preview shows how white text looks on a background with the Hex color 88D689.

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
88D689



Protanomaly
B8CA84



Deuteranomaly
C4C58D



Tritanomaly
92D0BE

Monochromacy



Original Color
88D689



Achromatopsia
B6B6B6



Achromatomaly
A5C2A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 88D689 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 #88D689 looks like.

```
.text, #text, p{  
    color:#88D689  
}
```

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 #88D689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88D689
}
```

Border

The CSS property to change the border of an element to Hex 88D689 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
#88D689 }
```

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

```
.border{ border-color:#88D689 }
```

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

Here you see how a box with a 4 pixel #88D689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88D689; -webkit-box-shadow:4px 4px  
4px 4px #88D689; box-shadow:4px 4px 4px  
4px #88D689 }
```

Background

The CSS property to change the background color of an element to Hex 88D689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88D689 }
```

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

```
.background{ background-color:#88D689 }
```

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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