

Converting Colors

Hex(89D188)

Have a look what the booklet for
Hex(89D188) contains.

Hex(89D188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89D188)

Conversions

Conversions Part 1

Format	Color
Hex	89D188
RGB	137, 209, 136
RGB Percent	54%, 82%, 53%
CMY	0.4627, 0.1804, 0.4667
CMYK	0.34, 0.00, 0.35, 0.18
HSL	119°, 44%, 68%
HSV	119°, 35%, 82%
XYZ	37.5609, 52.6969, 31.4844
YIQ	179.1500, -19.4790, -37.9670

Conversions

Conversions Part 2

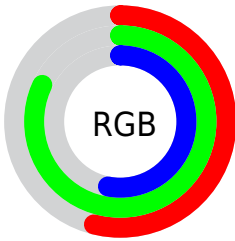
Format	Color
RYB	136, 209, 208
Decimal	9032072
CIELab	77.70, -36.94, 29.29
CIELCh	78, 47.145, 141.590
Yxy	52.6969, 0.3085, 0.4329
Android (android.graphics.Color)	4287222152 (0xFF89D188)
YUV	179.1500, -21.2729, -36.9655
Hunter-Lab	72.5926, -34.6774, 25.1000

Details

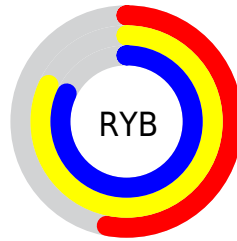
The Hex color **89D188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D088D1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C1FFBE**, and **539A55** is the 20% darker color. If you saturate the color by 10%, you get **74D173**, and if you desaturate by 10%, it is **9ED19D**.

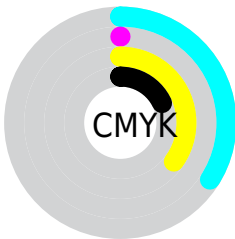
Distribution



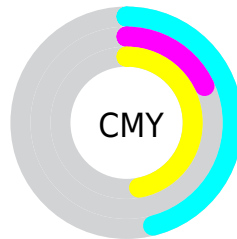
- Red (54%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (82%)



- Cyan (34%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (46%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D188 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 89D188 by changing the saturation by 10% instead.



89D188



89D188

FFFFFF



6EB56E



C1FFBE



539A55



DFFFDA



39803D



FAFFF7



1C6626



004E0F



003600



002200



000000



89D188



89D188

 74D173

 9ED19D

 60D15E

 B2D1B2

 4BD149

 C7D1C7

 37D134

 DBD1DC

 22D120

 F0D1F1

 0DD10B

 FFD1FF

 03D100

Harmonies

Analogous

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



BCC76D



89D188



47D6B2

Triad

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



89D188



61C8FF



FF9FA2

Complementary

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



89D188



D088D1

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.



FF9ECE



89D188



B2B9FF

Square

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



89D188



00D2FF



EBA9F7



FFAA7D

Rectangle

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



89D188



00D7D0



EBA9F7



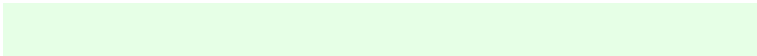
FF9DB1

Sweetspot

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



89D188



E6FFE6



D1D088



708070



000000



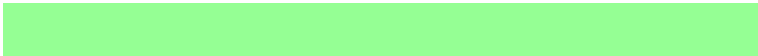
808080

Same Dimension

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



89D188



95FF94



88D1AB



5E695E



02A800



012900

Inverse Universe

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



D088D1



FE94FF



D188AE



685E69



A600A8



280029

Previews

White Background



This preview shows how the Hex color 89D188 looks on a white background.

Color Contrast Check

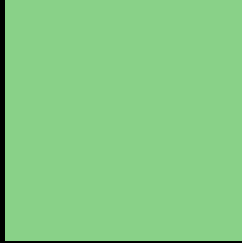
Large Text (above 18pt) WCAG AA × Fail

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 89D188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

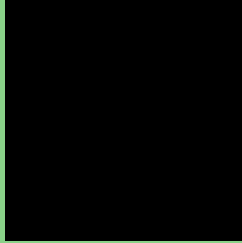
Any Text WCAG AA ✓ Pass

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 89D188 Background



This preview shows how black text looks on a background with the Hex color 89D188.

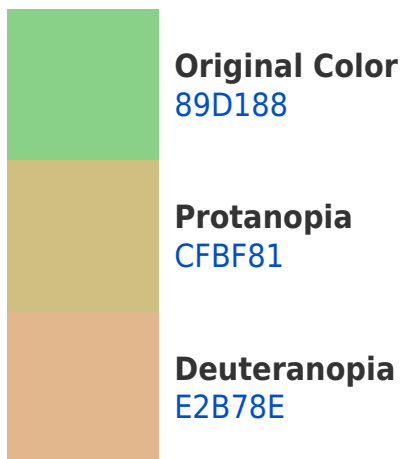


This preview shows how white text looks on a background with the Hex color 89D188.

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](#).

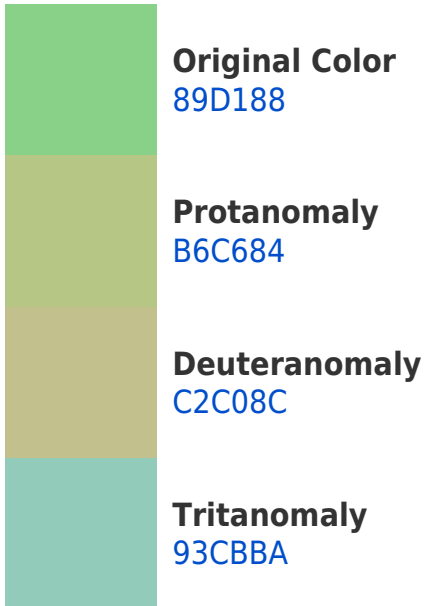
Dichromacy



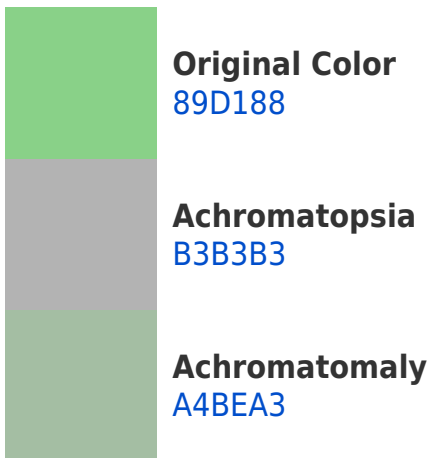


Tritanopia
98C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89D188 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 #89D188 looks like.

```
.text, #text, p{  
    color:#89D188  
}
```

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 #89D188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D188
}
```

Border

The CSS property to change the border of an element to Hex 89D188 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
#89D188 }
```

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

```
.border{ border-color:#89D188 }
```

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

Here you see how a box with a 4 pixel #89D188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D188; -webkit-box-shadow:4px 4px  
4px 4px #89D188; box-shadow:4px 4px 4px  
4px #89D188 }
```

Background

The CSS property to change the background color of an element to Hex 89D188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D188 }
```

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

```
.background{ background-color:#89D188 }
```

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