

Converting Colors

Hex(88D275)

Have a look what the booklet for
Hex(88D275) contains.

Hex(88D275)	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(88D275)

Conversions

Conversions Part 1

Format	Color
Hex	88D275
RGB	136, 210, 117
RGB Percent	53%, 82%, 46%
CMY	0.4667, 0.1765, 0.5412
CMYK	0.35, 0.00, 0.44, 0.18
HSL	108°, 51%, 64%
HSV	108°, 44%, 82%
XYZ	36.4108, 52.6118, 25.0657
YIQ	177.2720, -14.2510, -44.6110

Conversions

Conversions Part 2

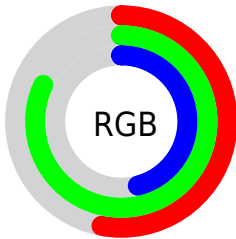
Format	Color
RYB	117, 210, 191
Decimal	8966773
CIELab	77.65, -40.51, 38.88
CIELCh	78, 56.150, 136.174
Yxy	52.6118, 0.3191, 0.4611
Android (android.graphics.Color)	4287156853 (0xFF88D275)
YUV	177.2720, -29.7141, -36.1955
Hunter-Lab	72.5340, -37.3305, 30.2849

Details

The Hex color **88D275** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BF75D2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C0FFAA**, and **529B42** is the 20% darker color. If you saturate the color by 10%, you get **77D260**, and if you desaturate by 10%, it is **99D28A**.

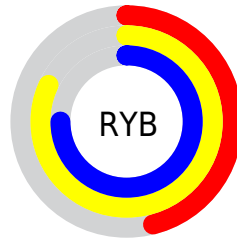
Distribution



Red (53%)

Green (82%)

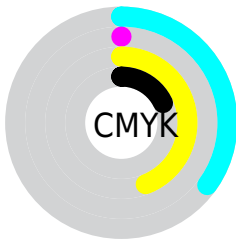
Blue (46%)



Red (46%)

Yellow (82%)

Blue (75%)

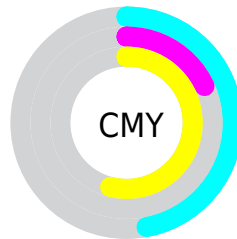


Cyan (35%)

Magenta (0%)

Yellow (44%)

Black (18%)



Cyan (47%)

Magenta (18%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88D275 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 88D275 by changing the saturation by 10% instead.



88D275



88D275

FFFFFF



6DB65B



C0FFAA



529B42



DDFFC6



36802A



FAFFE2



17670F



004E00



003600



002200



000000



88D275



88D275

 77D260

 99D28A

 67D24B

 A9D29F

 56D236

 BAD2B4

 45D221

 CBD2C9

 34D20C

 DCD2DE

 2BD200

 ECD2F3

 FDD2FF

 FFD2FF

Harmonies

Analogous

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



C3C657



88D275



26D9A5

Triad

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



88D275



00CCFF



FF95A6

Complementary

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



88D275



BF75D2

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.



FF97DA



88D275



9BBCFF

Square

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



88D275



00D6FF



E8A7FF



FFA177

Rectangle

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



88D275



00DAC9



E8A7FF



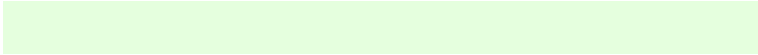
FF93B7

Sweetspot

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



88D275



E5FFDE



D2BE75



6F806B



000000



808080

Same Dimension

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



88D275



93FF78



75D28F



60695E



22A800



082900

Inverse Universe

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



BF75D2



E378FF



D275B8



665E69



8600A8



200029

Previews

White Background



This preview shows how the Hex color 88D275 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 88D275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

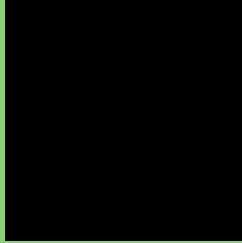
Any Text WCAG AA ✓ Pass

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 88D275 Background



This preview shows how black text looks on a background with the Hex color 88D275.

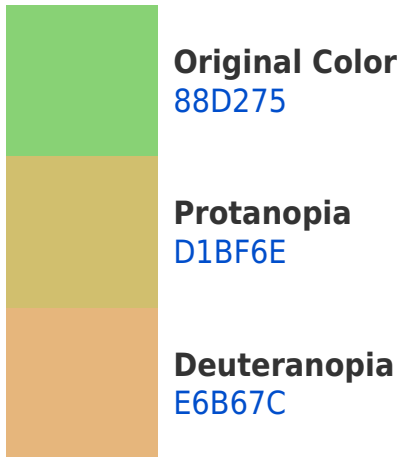


This preview shows how white text looks on a background with the Hex color 88D275.

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
99C7D7

Trichromacy



Original Color
88D275



Protanomaly
B6C671



Deuteranomaly
C4C079



Tritanomaly
93CBB3

Monochromacy



Original Color
88D275



Achromatopsia
B1B1B1



Achromatomaly
A2BD9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 88D275 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 #88D275 looks like.

```
.text, #text, p{  
    color:#88D275  
}
```

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 #88D275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88D275
}
```

Border

The CSS property to change the border of an element to Hex 88D275 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
#88D275 }
```

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

```
.border{ border-color:#88D275 }
```

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

Here you see how a box with a 4 pixel #88D275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88D275; -webkit-box-shadow:4px 4px  
4px 4px #88D275; box-shadow:4px 4px 4px  
4px #88D275 }
```

Background

The CSS property to change the background color of an element to Hex 88D275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88D275 }
```

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

```
.background{ background-color:#88D275 }
```

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