

Converting Colors

Hex(68D87E)

Have a look what the booklet for
Hex(68D87E) contains.

Hex(68D87E)	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(68D87E)

Conversions

Conversions Part 1

Format	Color
Hex	68D87E
RGB	104, 216, 126
RGB Percent	41%, 85%, 49%
CMY	0.5922, 0.1529, 0.5059
CMYK	0.52, 0.00, 0.42, 0.15
HSL	132°, 59%, 63%
HSV	132°, 52%, 85%
XYZ	34.0307, 53.5611, 28.2834
YIQ	172.2520, -37.8620, -51.7340

Conversions

Conversions Part 2

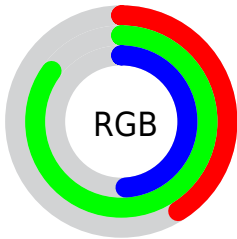
Format	Color
RYB	104, 198, 216
Decimal	6871166
CIELab	78.21, -51.01, 34.81
CIELCh	78, 61.760, 145.690
Yxy	53.5611, 0.2937, 0.4622
Android (android.graphics.Color)	4285061246 (0xFF68D87E)
YUV	172.2520, -22.8022, -59.8570
Hunter-Lab	73.1855, -45.0735, 28.3165

Details

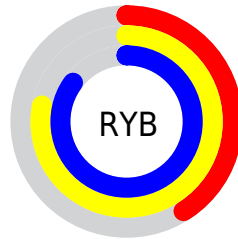
The Hex color **68D87E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D868C2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A2FFB4**, and **28A04B** is the 20% darker color. If you saturate the color by 10%, you get **52D86D**, and if you desaturate by 10%, it is **7ED88F**.

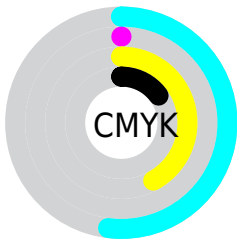
Distribution



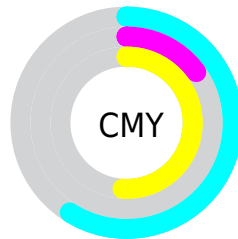
- Red (41%)
- Green (85%)
- Blue (49%)



- Red (41%)
- Yellow (78%)
- Blue (85%)



- Cyan (52%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (59%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68D87E 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 68D87E by changing the saturation by 10% instead.

 68D87E

 68D87E

FFFFFF

 4ABC64

 A2FFB4

 28A04B

 BFFFD0

 008533

 DDFECC

 006B1B

 FAFFFF

 005200

 003900

 002300

 000000

 68D87E

 68D87E

 52D86D

 7ED88F

 3DD85B

 93D8A1

 27D84A

 A9D8B2

 12D839

 BED8C3

 00D82A

 D4D8D5

 EAD8E6

 FFD8F7

 FFD8FF

Harmonies

Analogous

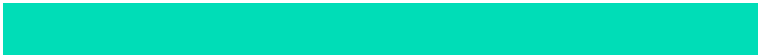
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1CD54



68D87E



00DDB7

Triad

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



68D87E



15CAFF



FF9393

Complementary

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



68D87E



D868C2

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.



FF90CC



68D87E



B7B6FF

Square

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



68D87E



00D7FF



FF9FFF



FFA663

Rectangle

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



68D87E



00DEDF



FF9FFF



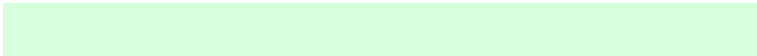
FF90A5

Sweetspot

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



68D87E



D6FFDE



C3D868



67806C



000000



808080

Same Dimension

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



68D87E



61FF80



68D8B5



606B62



00AB22



002B09

Inverse Universe

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



D868C2



FF61E0



D8688B



6B6069



AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 68D87E looks on a white background.

Color Contrast Check

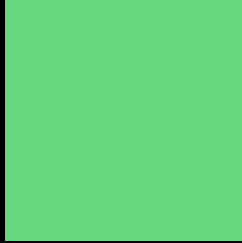
Large Text (above 18pt) WCAG AA × Fail

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 68D87E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

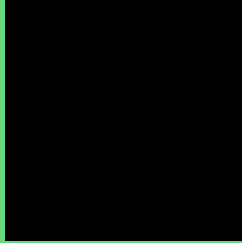
Any Text WCAG AA ✓ Pass

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 68D87E Background



This preview shows how black text looks on a background with the Hex color 68D87E.

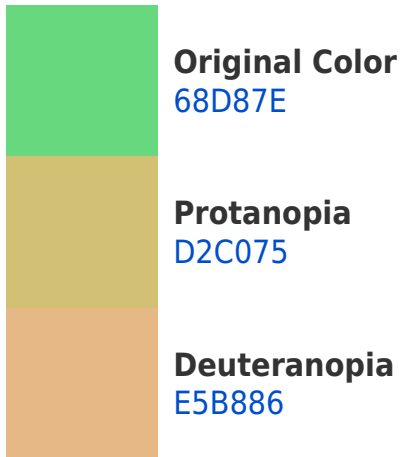


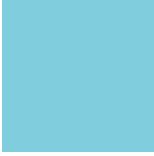
This preview shows how white text looks on a background with the Hex color 68D87E.

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
7FCDDD

Trichromacy



Original Color
68D87E



Protanomaly
ABC978



Deuteranomaly
B8C483



Tritanomaly
77D1BA

Monochromacy



Original Color
68D87E



Achromatopsia
ACACAC



Achromatomaly
93BC9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 68D87E 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 #68D87E looks like.

```
.text, #text, p{  
    color:#68D87E  
}
```

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 #68D87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D87E
}
```

Border

The CSS property to change the border of an element to Hex 68D87E 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
#68D87E }
```

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

```
.border{ border-color:#68D87E }
```

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

Here you see how a box with a 4 pixel #68D87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D87E; -webkit-box-shadow:4px 4px  
4px 4px #68D87E; box-shadow:4px 4px 4px  
4px #68D87E }
```

Background

The CSS property to change the background color of an element to Hex 68D87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D87E }
```

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

```
.background{ background-color:#68D87E }
```

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