

Converting Colors

Hex(67D57E)

Have a look what the booklet for
Hex(67D57E) contains.

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Color

Hex(67D57E)

Conversions

Conversions Part 1

Format	Color
Hex	67D57E
RGB	103, 213, 126
RGB Percent	40%, 84%, 49%
CMY	0.5961, 0.1647, 0.5059
CMYK	0.52, 0.00, 0.41, 0.16
HSL	133°, 57%, 62%
HSV	133°, 52%, 84%
XYZ	33.1537, 51.9784, 28.0241
YIQ	170.1920, -37.6330, -50.3770

Conversions

Conversions Part 2

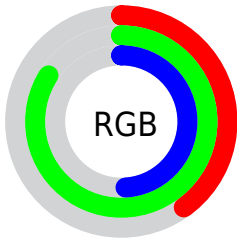
Format	Color
RYB	103, 194, 213
Decimal	6804862
CIELab	77.27, -50.05, 33.59
CIELCh	77, 60.276, 146.136
Yxy	51.9784, 0.2930, 0.4594
Android (android.graphics.Color)	4284994942 (0xFF67D57E)
YUV	170.1920, -21.7867, -58.9274
Hunter-Lab	72.0961, -44.0842, 27.4209

Details

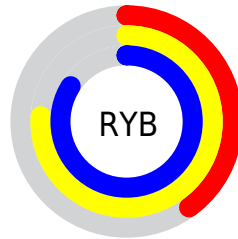
The Hex color **67D57E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D567BE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A1FFB4**, and **289D4B** is the 20% darker color. If you saturate the color by 10%, you get **52D56D**, and if you desaturate by 10%, it is **7CD58F**.

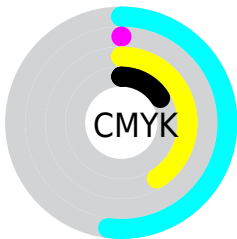
Distribution



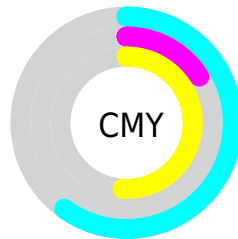
- Red (40%)
- Green (84%)
- Blue (49%)



- Red (40%)
- Yellow (76%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (41%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67D57E 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 67D57E by changing the saturation by 10% instead.

 67D57E

 67D57E

FFFFFF

 49B964

 A1FFB4

 289D4B

 BEFFCF

 008333

 DBFFEC

 00691B

 F9FFFF

 004F01

 003700

 002100

 000000

 67D57E

 67D57E

 52D56D

 7CD58F

 3CD55C

 92D5A0

 27D54B

 A7D5B1

 12D53B

 BCD5C1

 00D52D

 D2D5D2

 E7D5E3

 FCD5F4

 FFD5FF

Harmonies

Analogous

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



AECA55



67D57E



00DAB5

Triad

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



67D57E



29C7FF



FF9291

Complementary

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



67D57E



D567BE

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.



FF8FC8



67D57E



B6B3FF

Square

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



67D57E



00D4FF



FD9DFE



FFA463

Rectangle

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



67D57E



00DBDC



FD9DFE



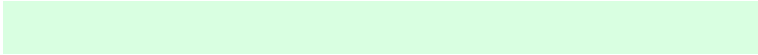
FF8FA3

Sweetspot

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



67D57E



D9FFE1



BFD567



69806D



000000



808080

Same Dimension

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



67D57E



61FF82



67D5B4



606B63



00AB24



002B09

Inverse Universe

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



D567BE



FF61DE



D56788



6B6069



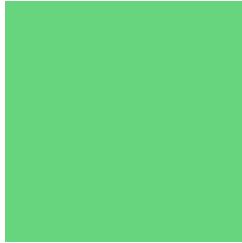
AB0087



2B0022

Previews

White Background



This preview shows how the Hex color 67D57E 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 67D57E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

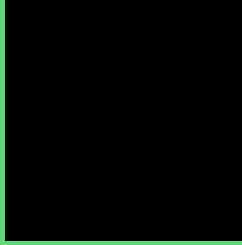
Any Text WCAG AA ✓ Pass

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 67D57E Background



This preview shows how black text looks on a background with the Hex color 67D57E.

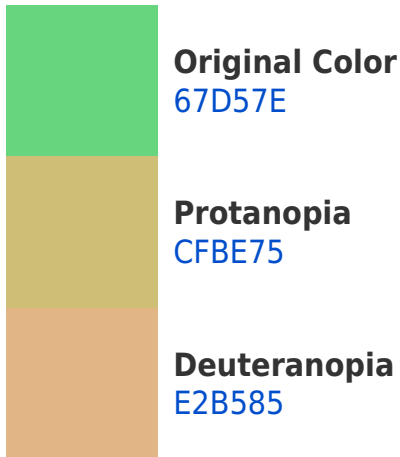


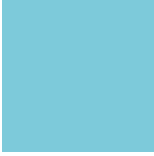
This preview shows how white text looks on a background with the Hex color 67D57E.

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



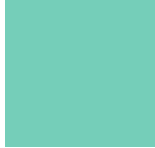
Original Color
67D57E



Protanomaly
A9C678



Deuteranomaly
B5C182



Tritanomaly
75CEB9

Monochromacy



Original Color
67D57E



Achromatopsia
AAAAAA



Achromatomaly
92BA9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 67D57E 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 #67D57E looks like.

```
.text, #text, p{  
    color:#67D57E  
}
```

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 #67D57E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D57E
}
```

Border

The CSS property to change the border of an element to Hex 67D57E 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
#67D57E }
```

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

```
.border{ border-color:#67D57E }
```

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

Here you see how a box with a 4 pixel #67D57E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D57E; -webkit-box-shadow:4px 4px  
4px 4px #67D57E; box-shadow:4px 4px 4px  
4px #67D57E }
```

Background

The CSS property to change the background color of an element to Hex 67D57E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D57E }
```

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

```
.background{ background-color:#67D57E }
```

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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