

Converting Colors

Hex(66C17E)

Have a look what the booklet for
Hex(66C17E) contains.

Hex(66C17E)	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(66C17E)

Conversions

Conversions Part 1

Format	Color
Hex	66C17E
RGB	102, 193, 126
RGB Percent	40%, 76%, 49%
CMY	0.6000, 0.2431, 0.5059
CMYK	0.47, 0.00, 0.35, 0.24
HSL	136°, 42%, 58%
HSV	136°, 47%, 76%
XYZ	28.3153, 42.4711, 26.4440
YIQ	158.1530, -32.7290, -40.1290

Conversions

Conversions Part 2

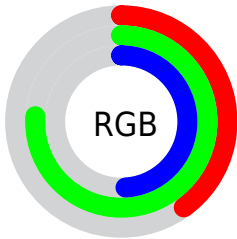
Format	Color
RYB	102, 174, 193
Decimal	6734206
CIELab	71.19, -41.90, 25.55
CIElCh	71, 49.078, 148.623
Yxy	42.4711, 0.2912, 0.4368
Android (android.graphics.Color)	4284924286 (0xFF66C17E)
YUV	158.1530, -15.8514, -49.2462
Hunter-Lab	65.1698, -36.4915, 21.5607

Details

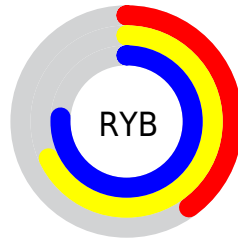
The Hex color **66C17E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C166A9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9EFAB3**, and **2D8B4C** is the 20% darker color. If you saturate the color by 10%, you get **53C170**, and if you desaturate by 10%, it is **79C18C**.

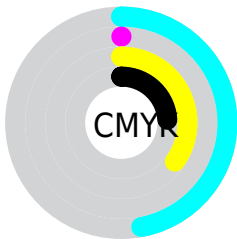
Distribution



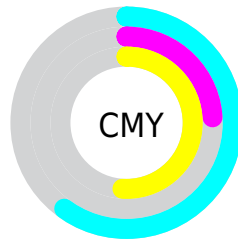
- Red (40%)
- Green (76%)
- Blue (49%)



- Red (40%)
- Yellow (68%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (60%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66C17E 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 66C17E by changing the saturation by 10% instead.

 66C17E

 66C17E


FFFFFF

 4AA565

 9EFAB3

 2D8B4C

 BAFFCF

 017135

 D7FFEB

 00571E

 F4FFFF

 003F07

 002A00

 000800

 000000

 66C17E

 66C17E

 53C170

 79C18C

 3FC162

 8DC19A

 2CC153

 A0C1A9

 19C145

 B3C1B7

 05C137

 C7C1C5

 00C133

 DAC1D3

 EDC1E1

 FFC1F0

 FFC1FE

Harmonies

Analogous

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



9EB85D



66C17E



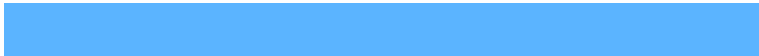
00C5AB

Triad

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



66C17E



5BB4FF



FF8D86

Complementary

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



66C17E



C166A9

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.



FF89B2



66C17E



AEA3FD

Square

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



66C17E



00BFFA



E493DE



EE9B63

Rectangle

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



66C17E



00C5C9



E493DE



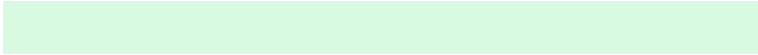
FF8A94

Sweetspot

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



66C17E



D7FAE0



AAC166



687D6D



FCFCFC



7D7D7D

Same Dimension

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



66C17E



6BFA91



66C1AA



57615A



00A12A



002109

Inverse Universe

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



C166A9



FA6BD4



C1667D



61575E



A10076



210018

Previews

White Background



This preview shows how the Hex color 66C17E looks on a white background.

Color Contrast Check

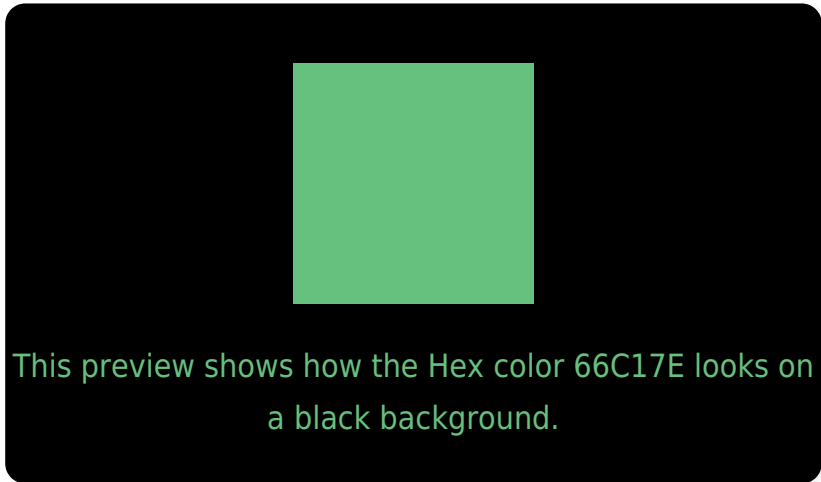
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 66C17E Background



This preview shows how black text looks on a background with the Hex color 66C17E.

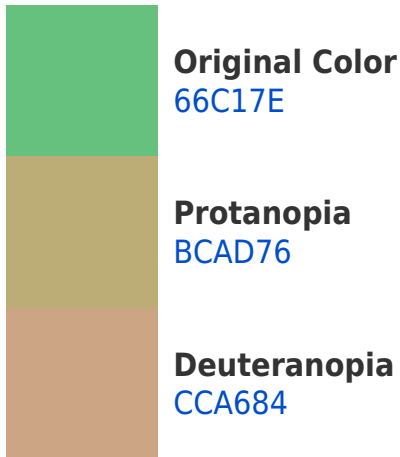


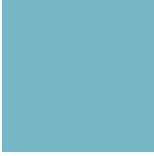
This preview shows how white text looks on a background with the Hex color 66C17E.

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
77B8C7

Trichromacy



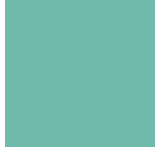
Original Color
66C17E



Protanomaly
9DB479



Deuteranomaly
A7B082



Tritanomaly
71BBAC

Monochromacy



Original Color
66C17E



Achromatopsia
9E9E9E



Achromatomaly
8AAB92

CSS Examples

Text

The CSS property to change the color of the text to Hex 66C17E 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 #66C17E looks like.

```
.text, #text, p{  
    color:#66C17E  
}
```

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 #66C17E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66C17E
}
```

Border

The CSS property to change the border of an element to Hex 66C17E 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
#66C17E }
```

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

```
.border{ border-color:#66C17E }
```

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

Here you see how a box with a 4 pixel #66C17E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66C17E; -webkit-box-shadow:4px 4px  
4px 4px #66C17E; box-shadow:4px 4px 4px  
4px #66C17E }
```

Background

The CSS property to change the background color of an element to Hex 66C17E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66C17E }
```

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

```
.background{ background-color:#66C17E }
```

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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