

Converting Colors

Hex(6DC47E)

Have a look what the booklet for
Hex(6DC47E) contains.

Hex(6DC47E)	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(6DC47E)

Conversions

Conversions Part 1

Format	Color
Hex	6DC47E
RGB	109, 196, 126
RGB Percent	43%, 77%, 49%
CMY	0.5725, 0.2314, 0.5059
CMYK	0.44, 0.00, 0.36, 0.23
HSL	132°, 42%, 60%
HSV	132°, 44%, 77%
XYZ	29.8125, 44.2374, 26.7061
YIQ	162.0070, -29.3820, -40.2140

Conversions

Conversions Part 2

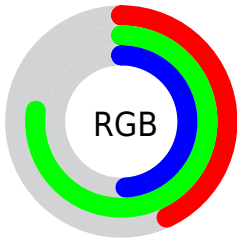
Format	Color
RYB	109, 182, 196
Decimal	7193726
CIELab	72.39, -41.26, 27.20
CIELCh	72, 49.415, 146.605
Yxy	44.2374, 0.2959, 0.4391
Android (android.graphics.Color)	4285383806 (0xFF6DC47E)
YUV	162.0070, -17.7515, -46.4871
Hunter-Lab	66.5112, -36.3851, 22.7513

Details

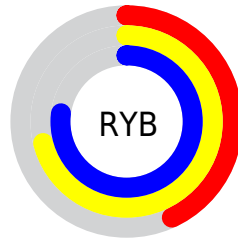
The Hex color **6DC47E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C46DB3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A5FDB3**, and **358E4C** is the 20% darker color. If you saturate the color by 10%, you get **59C46E**, and if you desaturate by 10%, it is **81C48E**.

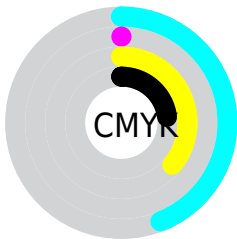
Distribution



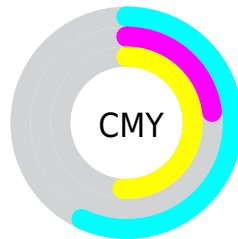
- Red (43%)
- Green (77%)
- Blue (49%)



- Red (43%)
- Yellow (71%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC47E 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 6DC47E by changing the saturation by 10% instead.

 6DC47E

 6DC47E

FFFFFF

 52A865

 A5FDB3

 358E4C

 C1FFCF

 137335

 DEFFEB

 005A1E

 FBFFFF

 004206

 002B00


 000F00

 000000

 6DC47E

 6DC47E

 59C46E

 81C48E

 46C45E

 94C49E

 32C44F

 A8C4AD

 1FC43F

 BBC4BD

 0BC42F

 CFC4CD

 00C426

 E3C4DD

 F6C4EC

 FFC4FC

 FFC4FF

Harmonies

Analogous

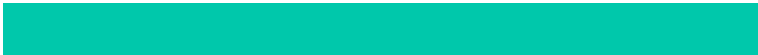
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4BB5E



6DC47E



00C8AB

Triad

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



6DC47E



57B8FF



FF8F8C

Complementary

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



6DC47E



C46DB3

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.



FF8CB9



6DC47E



ADA8FF

Square

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



6DC47E



00C3FC



E597E4



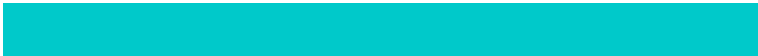
F49D67

Rectangle

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



6DC47E



00C9CA



E597E4



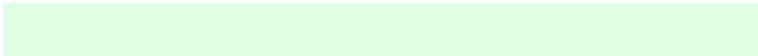
FF8D9A

Sweetspot

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



6DC47E



DEFFE4



B4C46D



6B806F



000000



808080

Same Dimension

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



6DC47E



78FF92



6DC4A8



576159



00A11F



002106

Inverse Universe

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



C46DB3



FF78E5



C46D89



61575F



A10081



21001B

Previews

White Background



This preview shows how the Hex color 6DC47E 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 6DC47E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

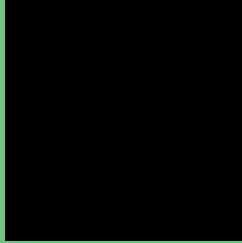
Any Text WCAG AA ✓ Pass

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 6DC47E Background



This preview shows how black text looks on a background with the Hex color 6DC47E.

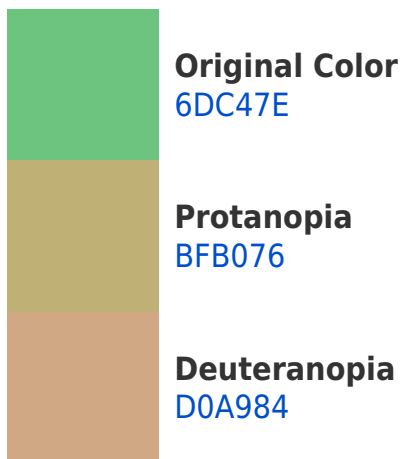


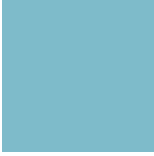
This preview shows how white text looks on a background with the Hex color 6DC47E.

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](#).

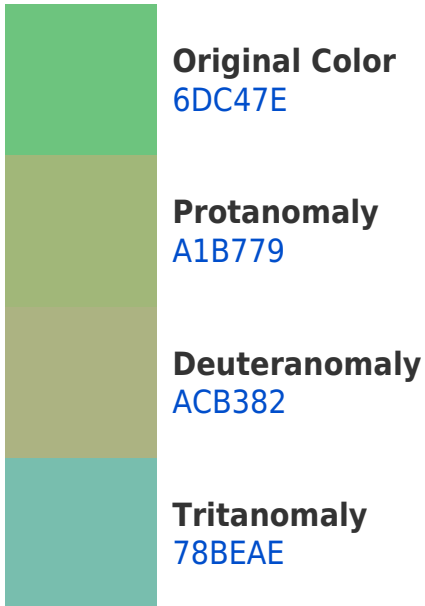
Dichromacy



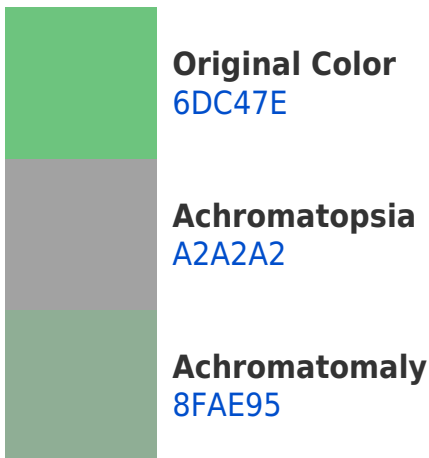


Tritanopia
7EBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC47E 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 #6DC47E looks like.

```
.text, #text, p{  
    color:#6DC47E  
}
```

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 #6DC47E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC47E
}
```

Border

The CSS property to change the border of an element to Hex 6DC47E 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
#6DC47E }
```

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

```
.border{ border-color:#6DC47E }
```

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

Here you see how a box with a 4 pixel #6DC47E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC47E; -webkit-box-shadow:4px 4px  
4px 4px #6DC47E; box-shadow:4px 4px 4px  
4px #6DC47E }
```

Background

The CSS property to change the background color of an element to Hex 6DC47E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC47E }
```

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

```
.background{ background-color:#6DC47E }
```

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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