

# Converting Colors

Hex(6DD780)

Have a look what the booklet for  
Hex(6DD780) contains.

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**Color**

**Hex(6DD780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DD780
RGB	109, 215, 128
RGB Percent	43%, 84%, 50%
CMY	0.5725, 0.1569, 0.4980
CMYK	0.49, 0.00, 0.40, 0.16
HSL	131°, 57%, 64%
HSV	131°, 49%, 84%
XYZ	34.5034, 53.4106, 28.9128
YIQ	173.3880, -35.2490, -49.5290

# Conversions

## Conversions Part 2

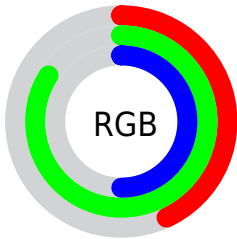
Format	Color
<a href="#">RYB</a>	<a href="#">109, 199, 215</a>
Decimal	<a href="#">7198592</a>
CIELab	<a href="#">78.12, -49.00, 33.72</a>
CIELCh	<a href="#">78, 59.479, 145.464</a>
Yxy	<a href="#">53.4106, 0.2953, 0.4572</a>
Android (android.graphics.Color)	<a href="#">4285388672 (0xFF6DD780)</a>
YUV	<a href="#">173.3880, -22.3763, -56.4683</a>
Hunter-Lab	<a href="#">73.0826, -43.6219, 27.7015</a>

# Details

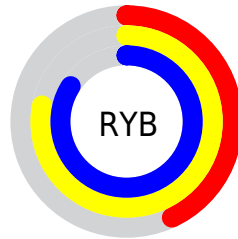
The Hex color **6DD780** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D76DC4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A6FFB6**, and **309F4D** is the 20% darker color. If you saturate the color by 10%, you get **57D76E**, and if you desaturate by 10%, it is **83D792**.

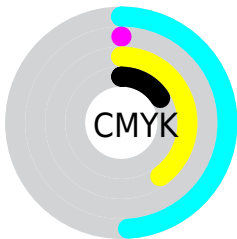
# Distribution



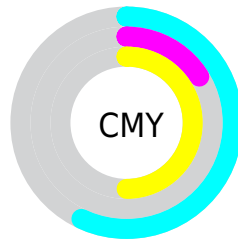
- Red (43%)
- Green (84%)
- Blue (50%)



- Red (43%)
- Yellow (78%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (57%)
- Magenta (16%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DD780 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 6DD780 by changing the saturation by 10% instead.



 6DD780

 6DD780

FFFFFF

 50BB66

 A6FFB6

 309F4D

 C3FFD2

 008535

 E1FFEE

 006A1D

 005103

 003900

 002300

 000000

 6DD780

 6DD780

 57D76E

 83D792

 42D75D

 98D7A3

 2DD74B

 AED7B5

 17D739

 C3D7C7

 01D728

 D9D7D8

 00D727

 EED7EA

 FFD7FC

 FFD7FF

# Harmonies

## Analogous

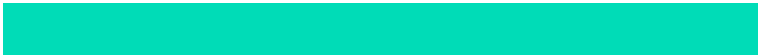
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2CC58



6DD780



00DCB7

# Triad

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



6DD780



30CAFF



FF9595

# Complementary

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



6DD780



D76DC4

# 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.



FF92CC



6DD780



B7B6FF

# Square

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



6DD780



00D7FF



FDA0FF



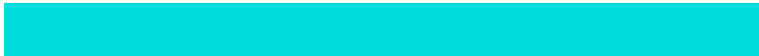
FFA767

# Rectangle

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



6DD780



00DDDD



FDA0FF



FF92A7

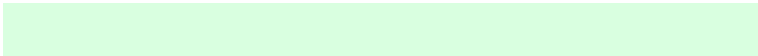


# Sweetspot

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



6DD780



D9FFE0



C5D76D



69806D



000000



808080



# Same Dimension

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



6DD780



69FF84



6DD7B4



606B62



00AB1F



002B08



# Inverse Universe

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



D76DC4



FF69E4



D76D90



6B6069



AB008C



2B0024



# Previews

## White Background



This preview shows how the Hex color 6DD780 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 6DD780 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 6DD780 Background



This preview shows how black text looks on a background with the Hex color 6DD780.

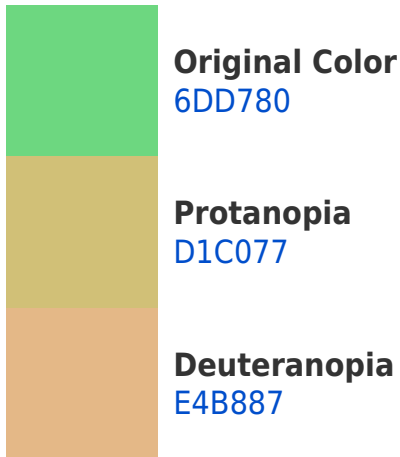


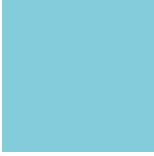
This preview shows how white text looks on a background with the Hex color 6DD780.

# 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**  
6DD780



**Protanomaly**  
ADC87A



**Deuteranomaly**  
B9C384



**Tritanomaly**  
7AD0BB

# Monochromacy



**Original Color**  
6DD780



**Achromatopsia**  
ADADAD



**Achromatomaly**  
96BC9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DD780 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 #6DD780 looks like.

```
.text, #text, p{  
    color:#6DD780  
}
```

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 #6DD780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD780  
}
```

## Border

The CSS property to change the border of an element to Hex 6DD780 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  
#6DD780 }
```

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

```
.border{ border-color:#6DD780 }
```

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

Here you see how a box with a 4 pixel #6DD780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD780; -webkit-box-shadow:4px 4px  
4px 4px #6DD780; box-shadow:4px 4px 4px  
4px #6DD780 }
```

# Background

The CSS property to change the background color of an element to Hex 6DD780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD780 }
```

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

```
.background{ background-color:#6DD780 }
```

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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