

Converting Colors

Hex(6DD78E)

Have a look what the booklet for
Hex(6DD78E) contains.

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Color

Hex(6DD78E)

Conversions

Conversions Part 1

Format	Color
Hex	6DD78E
RGB	109, 215, 142
RGB Percent	43%, 84%, 56%
CMY	0.5725, 0.1569, 0.4431
CMYK	0.49, 0.00, 0.34, 0.16
HSL	139°, 57%, 64%
HSV	139°, 49%, 84%
XYZ	35.4896, 53.8051, 34.1061
YIQ	174.9840, -39.7430, -45.1750

Conversions

Conversions Part 2

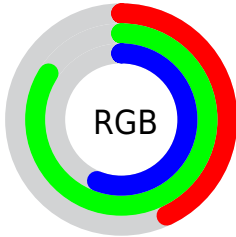
Format	Color
RYB	109, 190, 215
Decimal	7198606
CIELab	78.35, -46.63, 26.84
CIELCh	78, 53.801, 150.072
Yxy	53.8051, 0.2876, 0.4360
Android (android.graphics.Color)	4285388686 (0xFF6DD78E)
YUV	174.9840, -16.2611, -57.8680
Hunter-Lab	73.3519, -42.0029, 23.7786

Details

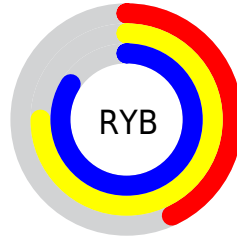
The Hex color **6DD78E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D76DB6**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A6FFC4**, and **319F5B** is the 20% darker color. If you saturate the color by 10%, you get **57D77F**, and if you desaturate by 10%, it is **83D79D**.

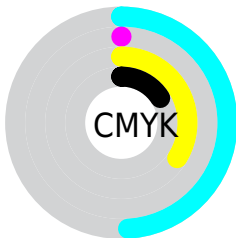
Distribution



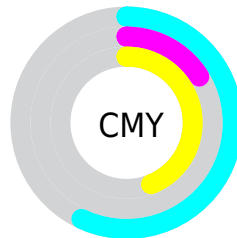
- Red (43%)
- Green (84%)
- Blue (56%)



- Red (43%)
- Yellow (75%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (34%)
- Black (16%)



- Cyan (57%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DD78E 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 6DD78E by changing the saturation by 10% instead.

 6DD78E

 6DD78E

FFFFFF

 50BB74

 A6FFC4

 319F5B

 C3FFE0

 008543

 E0FFFD

 006B2C

FEFFFF

 005115

 003900

 002400

 000000

 6DD78E

 6DD78E

 57D77F

 83D79D

 42D770

 98D7AC

 2DD762

 AED7BA

 17D753

 C3D7C9

 01D744

 D9D7D8

 00D743

 EED7E7

 FFD7F6

 FFD7FF

Harmonies

Analogous

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



ADCE68



6DD78E



00DBC0

Triad

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



6DD78E



69C7FF



FF9D92

Complementary

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



6DD78E



D76DB6

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.



FF98C4



6DD78E



C5B5FF

Square

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



6DD78E



00D4FF



FFA2F4



FFAD6C

Rectangle

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



6DD78E



00DBE2



FFA2F4



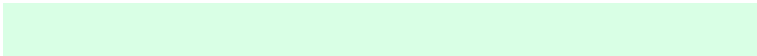
FF9AA2

Sweetspot

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



6DD78E



D9FFE5



B7D76D



698070



000000



808080

Same Dimension

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



6DD78E



69FF97



6DD7C2



606B64



00AB35



002B0D

Inverse Universe

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



D76DB6



FF69D0



D76D82



6B6068



AB0076



2B001E

Previews

White Background



This preview shows how the Hex color 6DD78E 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 6DD78E 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 6DD78E Background



This preview shows how black text looks on a background with the Hex color 6DD78E.

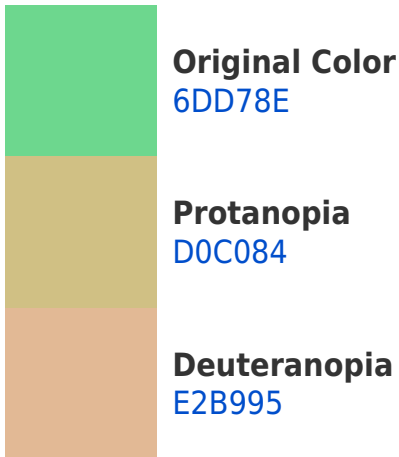


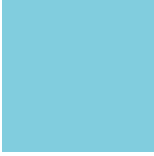
This preview shows how white text looks on a background with the Hex color 6DD78E.

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
81CDDE

Trichromacy



Original Color
6DD78E



Protanomaly
ACC888



Deuteranomaly
B7C492



Tritanomaly
7AD1C1

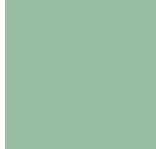
Monochromacy



Original Color
6DD78E



Achromatopsia
AFAFAF



Achromatomaly
97BEA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DD78E 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 #6DD78E looks like.

```
.text, #text, p{  
    color:#6DD78E  
}
```

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 #6DD78E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD78E
}
```

Border

The CSS property to change the border of an element to Hex 6DD78E 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
#6DD78E }
```

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

```
.border{ border-color:#6DD78E }
```

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

Here you see how a box with a 4 pixel #6DD78E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD78E; -webkit-box-shadow:4px 4px  
4px 4px #6DD78E; box-shadow:4px 4px 4px  
4px #6DD78E }
```

Background

The CSS property to change the background color of an element to Hex 6DD78E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD78E }
```

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

```
.background{ background-color:#6DD78E }
```

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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