

Converting Colors

Hex(6DD99D)

Have a look what the booklet for
Hex(6DD99D) contains.

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Color

Hex(6DD99D)

Conversions

Conversions Part 1

Format	Color
Hex	6DD99D
RGB	109, 217, 157
RGB Percent	43%, 85%, 62%
CMY	0.5725, 0.1490, 0.3843
CMYK	0.50, 0.00, 0.28, 0.15
HSL	147°, 59%, 64%
HSV	147°, 50%, 85%
XYZ	37.2053, 55.3112, 40.6135
YIQ	177.8680, -45.1080, -41.5560

Conversions

Conversions Part 2

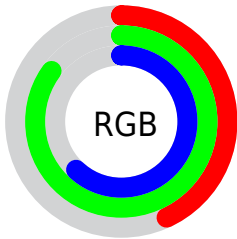
Format	Color
RYB	109, 184, 217
Decimal	7199133
CIELab	79.22, -44.68, 20.20
CIELCh	79, 49.032, 155.665
Yxy	55.3112, 0.2795, 0.4155
Android (android.graphics.Color)	4285389213 (0xFF6DD99D)
YUV	177.8680, -10.2879, -60.3972
Hunter-Lab	74.3715, -40.8532, 19.6824

Details

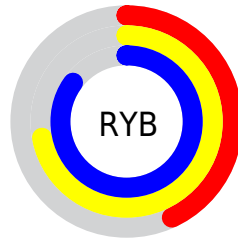
The Hex color **6DD99D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D96DA9**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A6FFD4**, and **30A169** is the 20% darker color. If you saturate the color by 10%, you get **57D991**, and if you desaturate by 10%, it is **83D9A9**.

Distribution



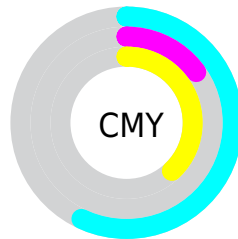
- Red (43%)
- Green (85%)
- Blue (62%)



- Red (43%)
- Yellow (72%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (57%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DD99D 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 6DD99D by changing the saturation by 10% instead.



6DD99D



6DD99D

FFFFFF



50BD83



A6FFD4



30A169



C3FFF0



008751



E1FFFF



006D3A



005323



003B0E



002600



000000



6DD99D



6DD99D

 57D991

 83D9A9

 42D985

 98D9B5

 2CD979

 AED9C1

 16D96D

 C4D9CD

 00D961

 DAD9D9

 00D960

 EFD9E5

 FFD9F1

 FFD9FD

 FFD9FF

Harmonies

Analogous

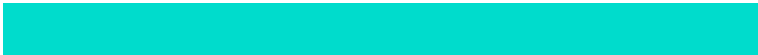
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8D178



6DD99D



00DCCC

Triad

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



6DD99D



8BC6FF



FFA691

Complementary

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



6DD99D



D96DA9

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.



FF9FBD



6DD99D



D4B5FF

Square

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



6DD99D



00D3FF



FFA5EB



FFB471

Rectangle

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



6DD99D



00DBEA



FFA5EB



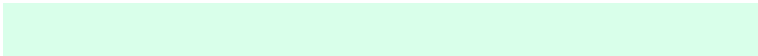
FFA29F

Sweetspot

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



6DD99D



D9FFEA



AAD96D



698073



000000



808080

Same Dimension

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



6DD99D



66FFAA



6DD9D2



636E68



00AD4D



002E14

Inverse Universe

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



D96DA9



FF66BB



D96D74



6E6369



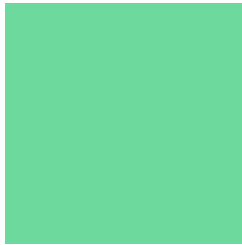
AD0060



2E0019

Previews

White Background



This preview shows how the Hex color 6DD99D looks on a white background.

Color Contrast Check

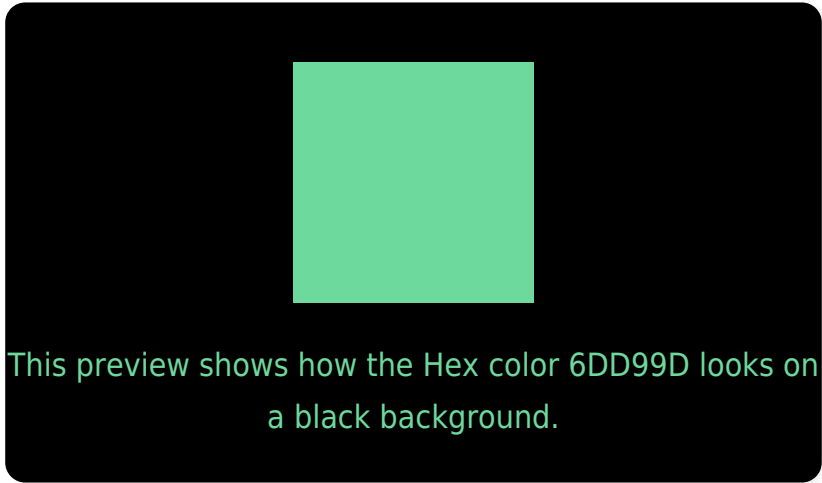
Large Text (above 18pt) WCAG AA × Fail

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 6DD99D Background



This preview shows how black text looks on a background with the Hex color 6DD99D.

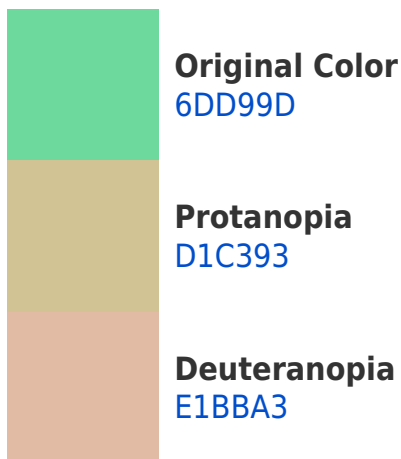


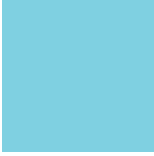
This preview shows how white text looks on a background with the Hex color 6DD99D.

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
6DD99D



Protanomaly
ADCB97



Deuteranomaly
B7C6A1



Tritanomaly
78D3C8

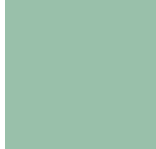
Monochromacy



Original Color
6DD99D



Achromatopsia
B2B2B2



Achromatomaly
99C0AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DD99D 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 #6DD99D looks like.

```
.text, #text, p{  
    color:#6DD99D  
}
```

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 #6DD99D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD99D }  
}
```

Border

The CSS property to change the border of an element to Hex 6DD99D 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 #6DD99D }  
}
```

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

```
.border{ border-color:#6DD99D }
```

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

Here you see how a box with a 4 pixel #6DD99D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD99D; -webkit-box-shadow:4px 4px  
4px 4px #6DD99D; box-shadow:4px 4px 4px  
4px #6DD99D }
```

Background

The CSS property to change the background color of an element to Hex 6DD99D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD99D }
```

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

```
.background{ background-color:#6DD99D }
```

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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