

Converting Colors

Hex(6DDBAD)

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

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Color

Hex(6DDBAD)

Conversions

Conversions Part 1

Format	Color
Hex	6DDBAD
RGB	109, 219, 173
RGB Percent	43%, 86%, 68%
CMY	0.5725, 0.1412, 0.3216
CMYK	0.50, 0.00, 0.21, 0.14
HSL	155°, 60%, 64%
HSV	155°, 50%, 86%
XYZ	39.1810, 56.9314, 48.4590
YIQ	180.8660, -50.7940, -37.6260

Conversions

Conversions Part 2

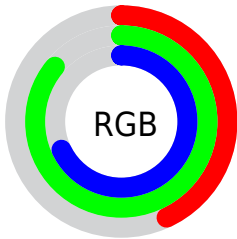
Format	Color
RYB	109, 179, 219
Decimal	7199661
CIELab	80.14, -42.28, 13.06
CIELCh	80, 44.253, 162.833
Yxy	56.9314, 0.2710, 0.3938
Android (android.graphics.Color)	4285389741 (0xFF6DDBAD)
YUV	180.8660, -3.8779, -63.0265
Hunter-Lab	75.4529, -39.3514, 14.7385

Details

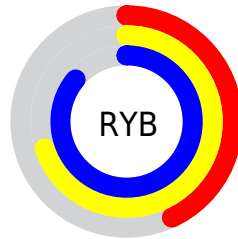
The Hex color **6DDBAD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB6D9B**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A7FFE4**, and **30A379** is the 20% darker color. If you saturate the color by 10%, you get **57DBA4**, and if you desaturate by 10%, it is **83DBB6**.

Distribution



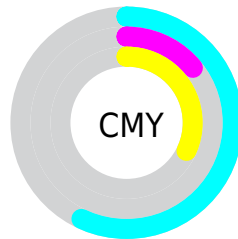
- Red (43%)
- Green (86%)
- Blue (68%)



- Red (43%)
- Yellow (70%)
- Blue (86%)



- Cyan (50%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)



- Cyan (57%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 6DDBAD

 6DDBAD

FFFFFF

 50BF92

 A7FFE4

 30A379

 C4FFFF

 008860

 E1FFFF

 006E48

 005531

 003D1C

 002803

 000100

 000000

 6DDBAD

 6DDBAD

 57DBA4

 83DBB6

 41DB9B

 99DBBF

 2BDB92

 AFD8C8

 15DB88

 C5DBD2

 00DB7F

 DBDBDB

 F0DBE4

 FFDBED

 FFDBF6

 FFDBFF

Harmonies

Analogous

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



A2D589



6DDBAD



25DDD8

Triad

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



6DDBAD



A7C5FF



FFAE90

Complementary

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



6DDBAD



DB6D9B

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.



FFA6B6



6DDBAD



E2B6FF

Square

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



6DDBAD



5CD2FF



FFA9E0



F6BC78

Rectangle

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



6DDBAD



00DBF2



FFA9E0



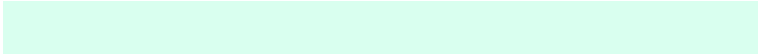
FFAB9C

Sweetspot

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



6DDBAD



D9FFEF



9DDB6D



698076



000000



808080

Same Dimension

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



6DDBAD



66FFBF



6DD4DB



636E69



00AD65



002E1B

Inverse Universe

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



DB6D9B



FF66A6



DB746D



6E6367



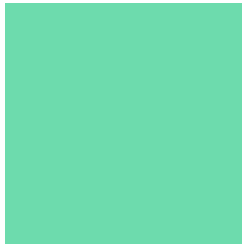
AD0049



2E0013

Previews

White Background



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

Color Contrast Check

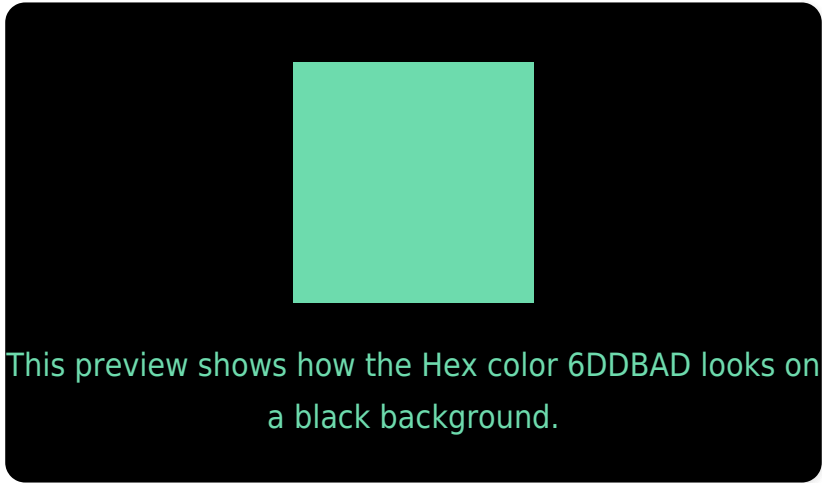
Large Text (above 18pt) WCAG AA × Fail

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

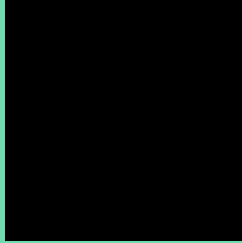
Any Text WCAG AA ✓ Pass

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 6DDBAD Background



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

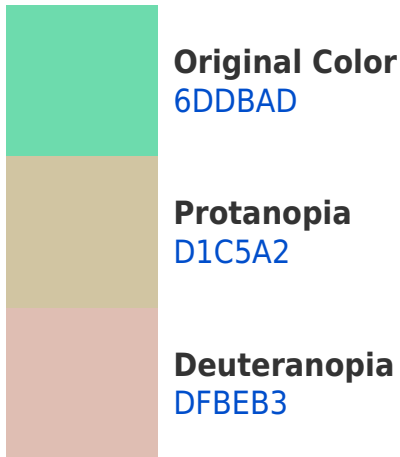


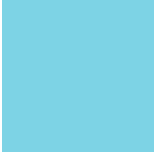
This preview shows how white text looks on a background with the Hex color 6DDBAD.

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
7DD3E5

Trichromacy



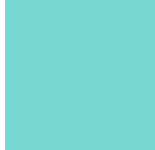
Original Color
6DDBAD



Protanomaly
ADCDA6



Deuteranomaly
B6C9B1



Tritanomaly
77D6D1

Monochromacy



Original Color
6DDBAD



Achromatopsia
B5B5B5



Achromatomaly
9BC3B2

CSS Examples

Text

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

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

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 #6DDBAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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