

Converting Colors

Hex(6DBB7E)

Have a look what the booklet for
Hex(6DBB7E) contains.

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Color

Hex(6DBB7E)

Conversions

Conversions Part 1

Format	Color
Hex	6DBB7E
RGB	109, 187, 126
RGB Percent	43%, 73%, 49%
CMY	0.5725, 0.2667, 0.5059
CMYK	0.42, 0.00, 0.33, 0.27
HSL	133°, 36%, 58%
HSV	133°, 42%, 73%
XYZ	27.8429, 40.2982, 26.0495
YIQ	156.7240, -26.9070, -35.5070

Conversions

Conversions Part 2

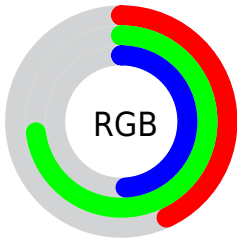
Format	Color
RYB	109, 173, 187
Decimal	7191422
CIELab	69.68, -37.25, 23.57
CIELCh	70, 44.077, 147.677
Yxy	40.2982, 0.2956, 0.4278
Android (android.graphics.Color)	4285381502 (0xFF6DBB7E)
YUV	156.7240, -15.1469, -41.8539
Hunter-Lab	63.4809, -32.8009, 20.1068

Details

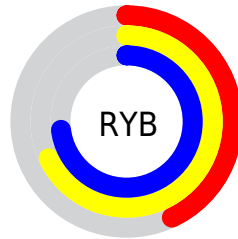
The Hex color **6DBB7E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB6DAA**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A4F4B3**, and **37854C** is the 20% darker color. If you saturate the color by 10%, you get **5ABB6F**, and if you desaturate by 10%, it is **80BB8D**.

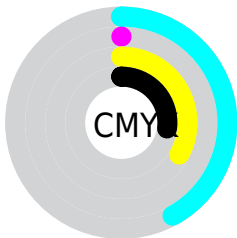
Distribution



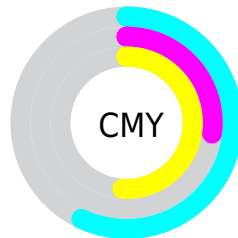
- Red (43%)
- Green (73%)
- Blue (49%)



- Red (43%)
- Yellow (68%)
- Blue (73%)



- Cyan (42%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)



- Cyan (57%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBB7E 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 6DBB7E by changing the saturation by 10% instead.

 6DBB7E

 6DBB7E

FFFFFF

 52A065

 A4F4B3

 37854C

 C0FFCF

 196B35

 DDFFE8

 00531F

 FAFFFF

 003B08

 002600

 000000

 6DBB7E

 6DBB7E

 5ABB6F

 80BB8D

 48BB61

 92BB9B

 35BB52

 A5BBAA

 22BB44

 B8BBB8

 0FBB35

 CBBBC7

 00BB29

 DDBBD6

 F0BBE4

 FFBBF3

 FFBBFF

Harmonies

Analogous

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



9DB361



6DDB7E



24BFA6

Triad

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



6DBB7E



63AFFA



F68D87

Complementary

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



6DBB7E



BB6DAA

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.



F38AAF



6DBB7E



A9A1F1

Square

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



6DBB7E



00B9ED



D992D6



E59968

Rectangle

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



6DBB7E



00BFC1



D992D6



F78B94

Sweetspot

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



6DBB7E



D3F2DA



AABB6D



677A6B



FAFAFA



7A7A7A

Same Dimension

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



6DBB7E



79F294



6DBBA5



555E57



009E22



001F07

Inverse Universe

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



BB6DAA



F279D8



BB6D83



5E555C



9E007C



1F0018

Previews

White Background



This preview shows how the Hex color 6DBB7E looks on a white background.

Color Contrast Check

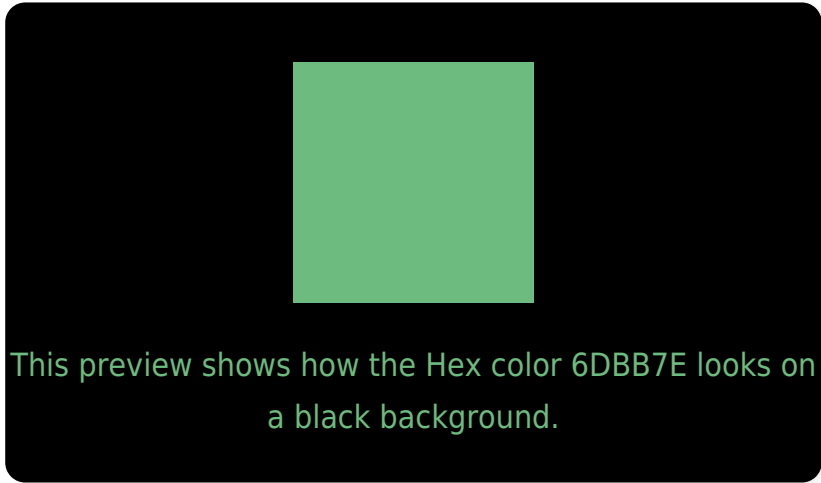
Large Text (above 18pt) WCAG AA × Fail

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 6DBB7E Background



This preview shows how black text looks on a background with the Hex color 6DBB7E.

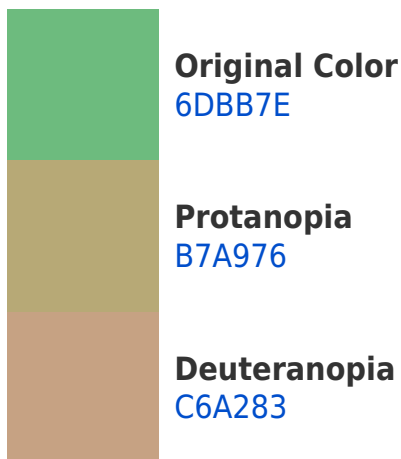


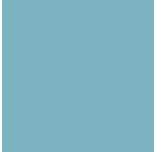
This preview shows how white text looks on a background with the Hex color 6DBB7E.

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
7BB3C1

Trichromacy



Original Color
6DBB7E



Protanomaly
9CB079



Deuteranomaly
A6AB81



Tritanomaly
76B6A9

Monochromacy



Original Color
6DBB7E



Achromatopsia
9D9D9D



Achromatomaly
8CA892

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBB7E 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 #6DBB7E looks like.

```
.text, #text, p{  
    color:#6DBB7E  
}
```

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 #6DBB7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBB7E
}
```

Border

The CSS property to change the border of an element to Hex 6DBB7E 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
#6DBB7E }
```

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

```
.border{ border-color:#6DBB7E }
```

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

Here you see how a box with a 4 pixel #6DBB7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBB7E; -webkit-box-shadow:4px 4px  
4px 4px #6DBB7E; box-shadow:4px 4px 4px  
4px #6DBB7E }
```

Background

The CSS property to change the background color of an element to Hex 6DBB7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBB7E }
```

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

```
.background{ background-color:#6DBB7E }
```

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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