

Converting Colors

Hex(6DBB88)

Have a look what the booklet for
Hex(6DBB88) contains.

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Color

Hex(6DBB88)

Conversions

Conversions Part 1

Format	Color
Hex	6DBB88
RGB	109, 187, 136
RGB Percent	43%, 73%, 53%
CMY	0.5725, 0.2667, 0.4667
CMYK	0.42, 0.00, 0.27, 0.27
HSL	141°, 36%, 58%
HSV	141°, 42%, 73%
XYZ	28.5209, 40.5694, 29.6200
YIQ	157.8640, -30.1170, -32.3970

Conversions

Conversions Part 2

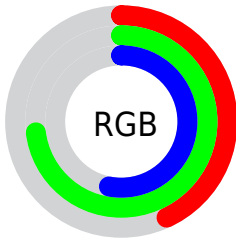
Format	Color
RYB	109, 167, 187
Decimal	7191432
CIELab	69.87, -35.40, 18.47
CIELCh	70, 39.927, 152.450
Yxy	40.5694, 0.2889, 0.4110
Android (android.graphics.Color)	4285381512 (0xFF6DBB88)
YUV	157.8640, -10.7790, -42.8537
Hunter-Lab	63.6941, -31.5361, 17.0140

Details

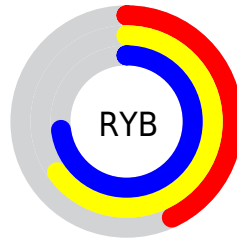
The Hex color **6DBB88** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB6DA0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A4F4BE**, and **378556** is the 20% darker color. If you saturate the color by 10%, you get **5ABB7C**, and if you desaturate by 10%, it is **80BB94**.

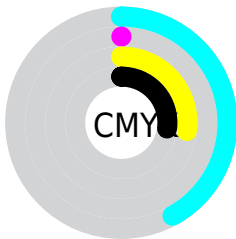
Distribution



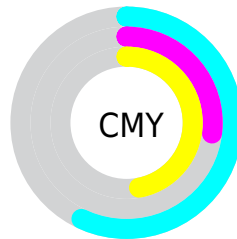
- Red (43%)
- Green (73%)
- Blue (53%)



- Red (43%)
- Yellow (65%)
- Blue (73%)



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



- Cyan (57%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBB88 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 6DBB88 by changing the saturation by 10% instead.

 6DBB88

 6DBB88

FFFFFF

 52A06E

 A4F4BE

 378556

 C0FFD9

 196B3E

 DCFFF6

 005328

 FAFFFF

 003B13

 002600

 000000

 6DBB88

 6DBB88

 5ABB7C

 80BB94

 48BB70

 92BBA0

 35BB63

 A5BBAD

 22BB57

 B8BBB9

 0FBB4B

 CBBBC5

 00BB41

 DDBBD1

 F0BBDE

 FFBBEA

 FFBBF6

Harmonies

Analogous

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



99B46C



6DBB88



35BEAD

Triad

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



6DBB88



79ADF3



EF9286

Complementary

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



6DBB88



BB6DA0

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.



EF8EA9



6DBB88



B3A0E8

Square

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



6DBB88



30B7EA



DB94CD



DD9D6B

Rectangle

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



6DBB88



00BEC5



DB94CD



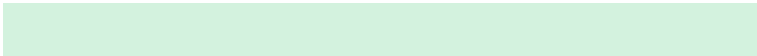
F19091

Sweetspot

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



6DBB88



D3F2DE



A1BB6D



677A6E



FAFAFA



7A7A7A

Same Dimension

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



6DBB88



79F2A3



6DBBAE



555E58



009E37



001F0B

Inverse Universe

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



BB6DA0



F279C8



BB6D7A



5E555B



9E0067



1F0014

Previews

White Background



This preview shows how the Hex color 6DBB88 looks on a white background.

Color Contrast Check

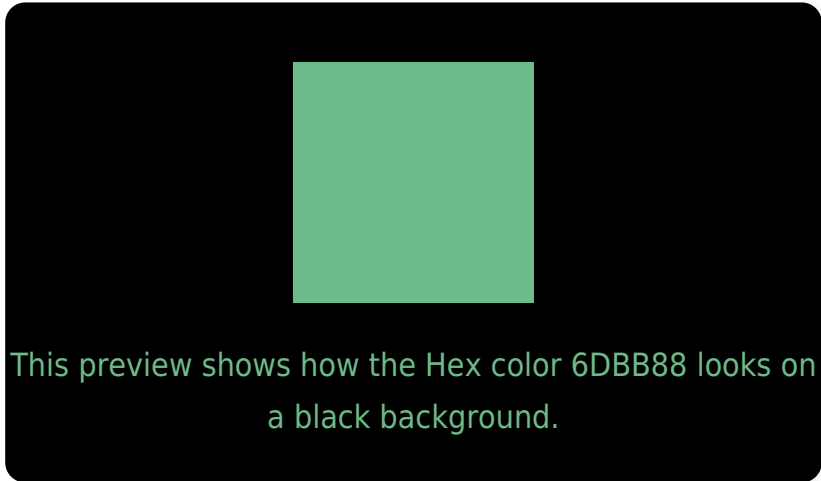
Large Text (above 18pt) WCAG AA × Fail

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

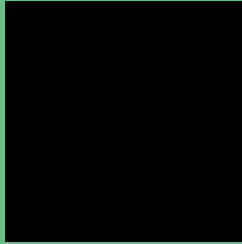
Any Text WCAG AA ✓ Pass

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 6DBB88 Background



This preview shows how black text looks on a background with the Hex color 6DBB88.

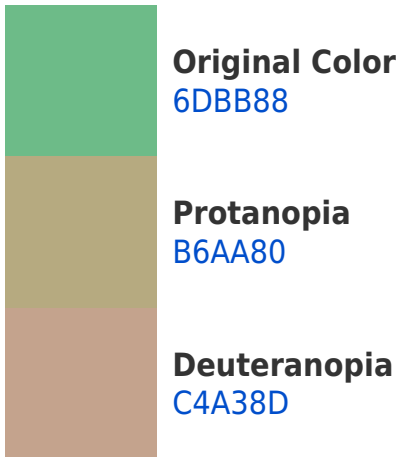


This preview shows how white text looks on a background with the Hex color 6DBB88.

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](#).

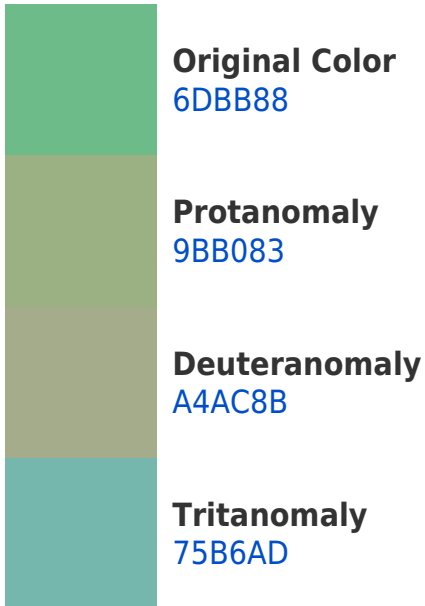
Dichromacy



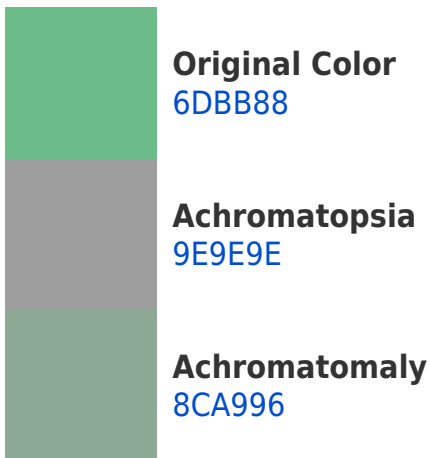


Tritanopia
7AB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBB88 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 #6DBB88 looks like.

```
.text, #text, p{  
    color:#6DBB88  
}
```

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 #6DBB88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBB88
}
```

Border

The CSS property to change the border of an element to Hex 6DBB88 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
#6DBB88 }
```

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

```
.border{ border-color:#6DBB88 }
```

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

Here you see how a box with a 4 pixel #6DBB88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBB88; -webkit-box-shadow:4px 4px  
4px 4px #6DBB88; box-shadow:4px 4px 4px  
4px #6DBB88 }
```

Background

The CSS property to change the background color of an element to Hex 6DBB88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBB88 }
```

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

```
.background{ background-color:#6DBB88 }
```

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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