

# Converting Colors

Hex(6DABAD)

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

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# Color

**Hex(6DABAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DABAD
RGB	109, 171, 173
RGB Percent	43%, 67%, 68%
CMY	0.5725, 0.3294, 0.3216
CMYK	0.37, 0.01, 0.00, 0.32
HSL	182°, 28%, 55%
HSV	182°, 37%, 68%
XYZ	28.4124, 35.3942, 44.8694
YIQ	152.6900, -37.5940, -12.5220

# Conversions

## Conversions Part 2

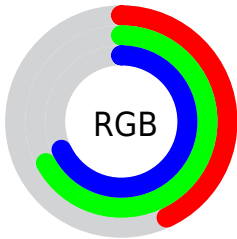
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 140, 173
Decimal	7187373
CIELab	66.05, -19.36, -7.36
CIELCh	66, 20.715, 200.805
Yxy	35.3942, 0.2614, 0.3257
Android (android.graphics.Color)	4285377453 (0xFF6DABAD)
YUV	152.6900, 10.0128, -38.3161
Hunter-Lab	59.4930, -18.8655, -3.0712

# Details

The Hex color **6DABAD** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AD6F6D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A3E2E4**, and **387779** is the 20% darker color. If you saturate the color by 10%, you get **5CAAAD**, and if you desaturate by 10%, it is **7EACAD**.

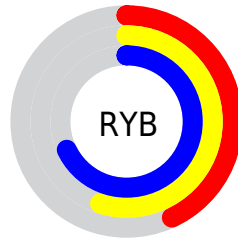
# Distribution



Red (43%)

Green (67%)

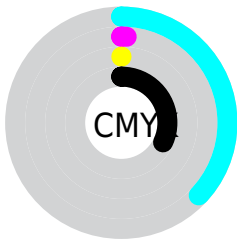
Blue (68%)



Red (43%)

Yellow (55%)

Blue (68%)

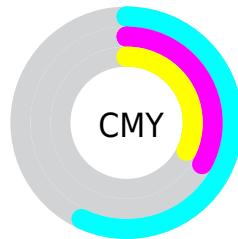


Cyan (37%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (57%)

Magenta (33%)

Yellow (32%)

# Brightness & Saturation Gradients

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



 6DABAD

 6DABAD

FFFFFF

 539092

 A3E2E4

 387779

 BFFFFFF

 1B5E60

 DCFFFF

 004648

 F9FFFF

 002F32

 001C1D

 000001

 000000

 6DABAD

 6DABAD

■ 5CAAAD

■ 7EACAD

■ 4AAAAD

■ 90ACAD

■ 39A9AD

■ A1ADAD

■ 28A9AD

■ B2ADAD

■ 17A8AD

■ C4AEAD

■ 05A8AD

■ D5AEAD

■ 00A8AD

■ E6AFAD

■ F7AFAD

■ FFB0AD

# Harmonies

## Analogous

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



78AB9A



6DABAD



71A9BD

# Triad

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



6DABAD



B398B8



B49D7C

# Complementary

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



6DABAD



AD6F6D

# 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.



C29784



6DABAD



C294A7

# Square

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



6DABAD



9C9EC3



C79494



A1A37E

# Rectangle

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



6DABAD



7CA6C3



C79494



B99B7E



# Sweetspot

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



6DABAD



C8E0E0



6DAD6E



627070



F0F0F0



707070



# Same Dimension

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



6DABAD



7EDDE0



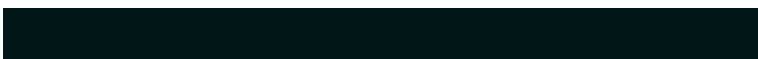
6D8CAD



4E5657



009296



001617



# Inverse Universe

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



AD6DAB



E07EDD



AD8E6D



574E56



960092

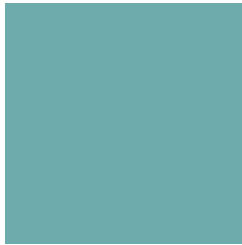


170016



# Previews

## White Background



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

## Color Contrast Check

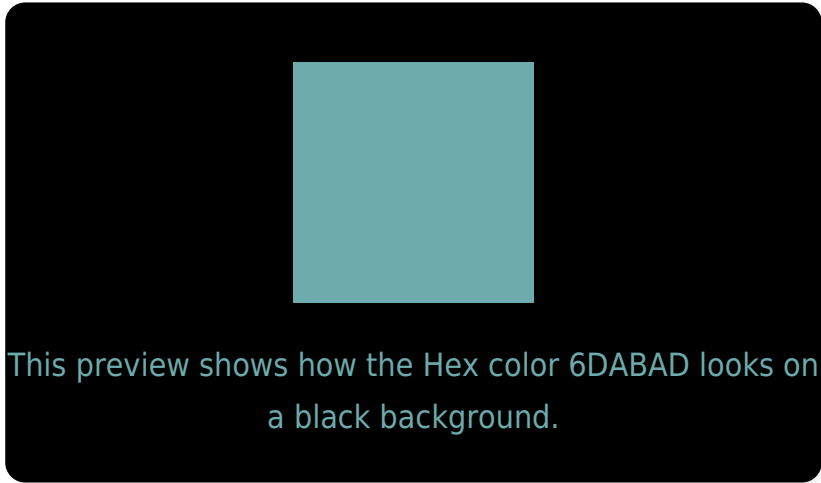
Large Text (above 18pt) WCAG AA × Fail

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

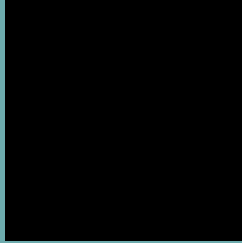
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DABAD Background



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

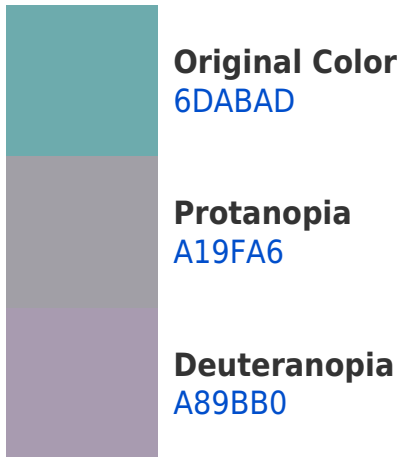


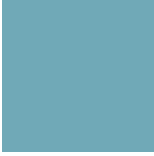
This preview shows how white text looks on a background with the Hex color 6DABAD.

# 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](#).

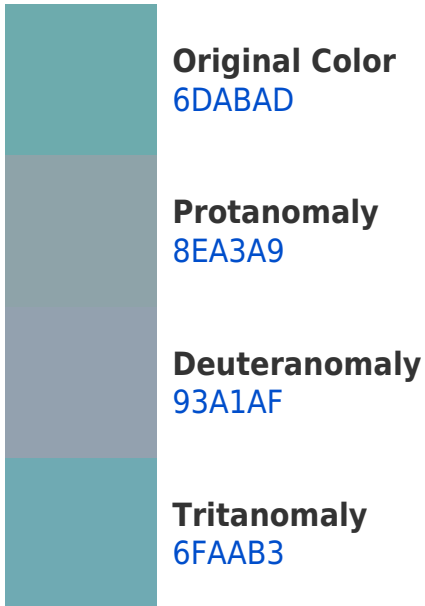
## Dichromacy



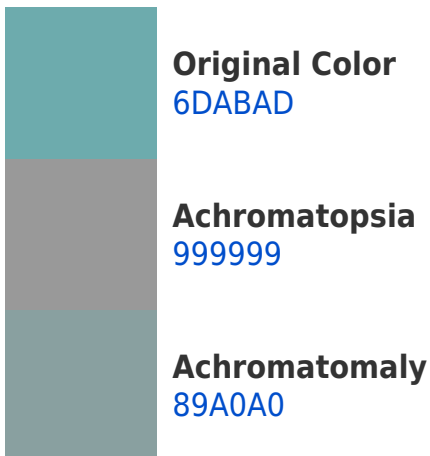


**Tritanopia**  
70A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6DABAD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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