

# Converting Colors

Hex(6DB4A4)

Have a look what the booklet for  
Hex(6DB4A4) contains.

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**Color**

**Hex(6DB4A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DB4A4
RGB	109, 180, 164
RGB Percent	43%, 71%, 64%
CMY	0.5725, 0.2941, 0.3569
CMYK	0.39, 0.00, 0.09, 0.29
HSL	166°, 32%, 57%
HSV	166°, 39%, 71%
XYZ	29.3288, 38.5741, 41.0217
YIQ	156.9470, -37.1800, -20.0280

# Conversions

## Conversions Part 2

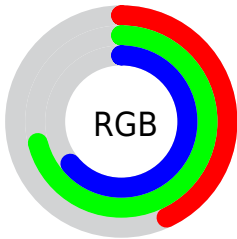
Format	Color
<a href="#">RYB</a>	<a href="#">109, 149, 180</a>
Decimal	<a href="#">7189668</a>
CIELab	<a href="#">68.44, -26.10, 1.14</a>
CIELCh	<a href="#">68, 26.123, 177.499</a>
Yxy	<a href="#">38.5741, 0.2693, 0.3541</a>
Android (android.graphics.Color)	<a href="#">4285379748 (0xFF6DB4A4)</a>
YUV	<a href="#">156.9470, 3.4771, -42.0495</a>
Hunter-Lab	<a href="#">62.1080, -24.3974, 4.3152</a>

# Details

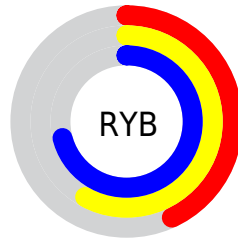
The Hex color **6DB4A4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B46D7D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A3ECDB**, and **387F70** is the 20% darker color. If you saturate the color by 10%, you get **5BB4A0**, and if you desaturate by 10%, it is **7FB4A8**.

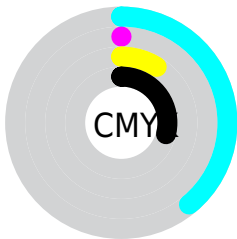
# Distribution



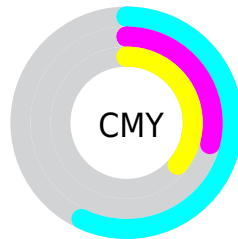
- Red (43%)
- Green (71%)
- Blue (64%)



- Red (43%)
- Yellow (58%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (57%)
- Magenta (29%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DB4A4 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 6DB4A4 by changing the saturation by 10% instead.





6DB4A4



6DB4A4

FFFFFF



52998A



A3ECDB



387F70



C0FFF7



1A6658



DCFFFF



004D41



F9FFFF



00362B



002116



000000



6DB4A4



6DB4A4



5BB4A0



7FB4A8

 49B49C

 91B4AC

 37B498

 A3B4B0

 25B494

 B5B4B4

 13B490

 C7B4B8

 01B48C

 D9B4BC

 00B48B

 EBB4C0

 FDB4C4

 FFB4C9

# Harmonies

## Analogous

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



86B18D



6DB4A4



60B4BC

# Triad

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



6DB4A4



A8A2D1



CD9D80

# Complementary

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



6DB4A4



B46D7D

# 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.



D69792



6DB4A4



C39AC1

# Square

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



6DB4A4



87AAD6



D496AA



BAA578

# Rectangle

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



6DB4A4



64B2C9



D496AA



D19B85



# Sweetspot

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



6DB4A4



CEEBE4



7EB46D



657572



F5F5F5



757575



# Same Dimension

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



6DB4A4



7CEBD2



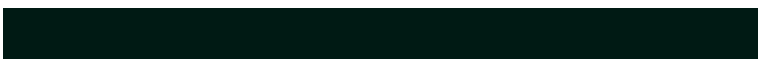
6DA1B4



505957



009977



001A14



# Inverse Universe

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



B46D7D



EB7C95



B4806D



595052



990022

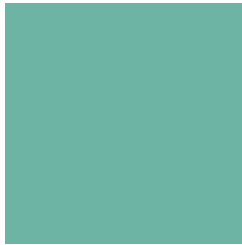


1A0006



# Previews

## White Background



This preview shows how the Hex color 6DB4A4 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



This preview shows how the Hex color 6DB4A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

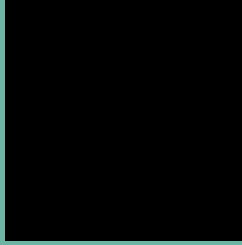
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DB4A4 Background



This preview shows how black text looks on a background with the Hex color 6DB4A4.

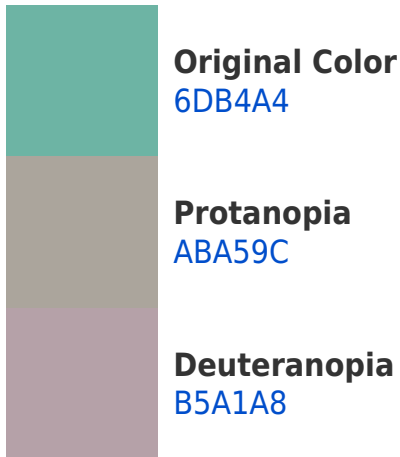


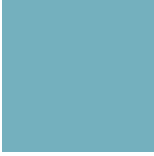
This preview shows how white text looks on a background with the Hex color 6DB4A4.

# 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](#).

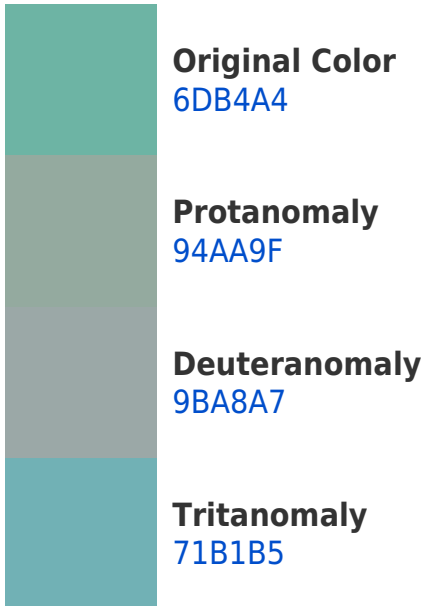
## Dichromacy



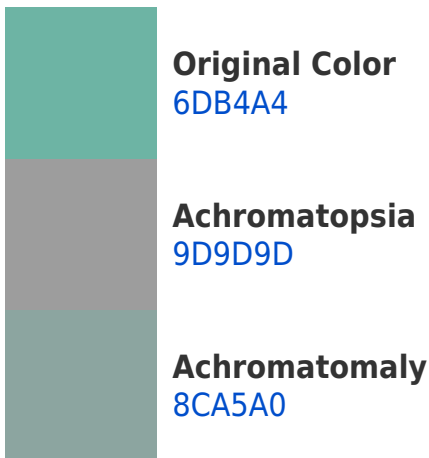


**Tritanopia**  
74B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DB4A4 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 #6DB4A4 looks like.

```
.text, #text, p{  
    color:#6DB4A4  
}
```

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 #6DB4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB4A4
}
```

## Border

The CSS property to change the border of an element to Hex 6DB4A4 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
#6DB4A4 }
```

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

```
.border{ border-color:#6DB4A4 }
```

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

Here you see how a box with a 4 pixel #6DB4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB4A4; -webkit-box-shadow:4px 4px  
4px 4px #6DB4A4; box-shadow:4px 4px 4px  
4px #6DB4A4 }
```

# Background

The CSS property to change the background color of an element to Hex 6DB4A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB4A4 }
```

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

```
.background{ background-color:#6DB4A4 }
```

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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