

Converting Colors

Hex(3DBAA6)

Have a look what the booklet for
Hex(3DBAA6) contains.

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Color

Hex(3DBAA6)

Conversions

Conversions Part 1

Format	Color
Hex	3DBAA6
RGB	61, 186, 166
RGB Percent	24%, 73%, 65%
CMY	0.7608, 0.2706, 0.3490
CMYK	0.67, 0.00, 0.11, 0.27
HSL	170°, 51%, 48%
HSV	170°, 67%, 73%
XYZ	26.3663, 38.8631, 42.1881
YIQ	146.3450, -68.0800, -32.7200

Conversions

Conversions Part 2

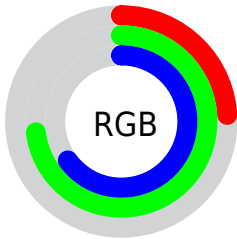
Format	Color
RYB	61, 129, 186
Decimal	4045478
CIELab	68.65, -38.79, 0.15
CIElCh	69, 38.787, 179.784
Yxy	38.8631, 0.2455, 0.3618
Android (android.graphics.Color)	4282235558 (0xFF3DBAA6)
YUV	146.3450, 9.6899, -74.8476
Hunter-Lab	62.3403, -33.6003, 3.5143

Details

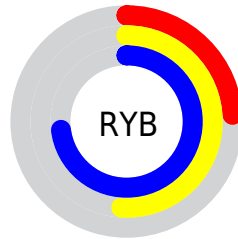
The Hex color **3DBAA6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BA3D51**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7CF3DD**, and **008472** is the 20% darker color. If you saturate the color by 10%, you get **2ABAA3**, and if you desaturate by 10%, it is **50BAA9**.

Distribution



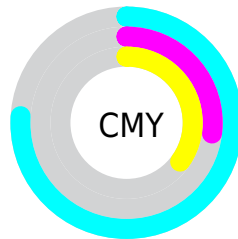
- Red (24%)
- Green (73%)
- Blue (65%)



- Red (24%)
- Yellow (51%)
- Blue (73%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (76%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DBAA6 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 3DBAA6 by changing the saturation by 10% instead.

 3DBAA6

 3DBAA6

FFFFFF

 0E9F8C

 7CF3DD

 008472

 99FFFA

 006A5A

 B7FFFF

 005142

 D5FFFF

 00392C

 F3FFFF

 002518

 000000

 3DBAA6

 3DBAA6

 2ABAA3

 50BAA9

■ 18BAA0

■ 62BAAC

■ 05BA9D

■ 75BAAF

■ 00BA9C

■ 87BAB2

■ 9ABAB5

■ ADBAB8

■ BFBABB

■ D2BABE

■ E4BAC1

Harmonies

Analogous

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



70B783



3DBAA6



00B9C9

Triad

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



3DBAA6



AB9EE4



DB996C

Complementary

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



3DBAA6



BA3D51

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.



EA8F86



3DBAA6



D392CB

Square

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



3DBAA6



73ABED



E98CA9



BEA561

Rectangle

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



3DBAA6



08B6DC



E98CA9



E19573

Sweetspot

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



3DBAA6



C2F2EA



52BA3D



5D7A76



FAFAFA



7A7A7A

Same Dimension

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



3DBAA6



2EF2D3



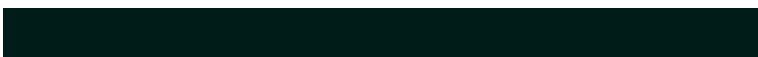
3D90BA



535C5A



009C83



001C18

Inverse Universe

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



BA3D51



F22E4D



BA673D



5C5354



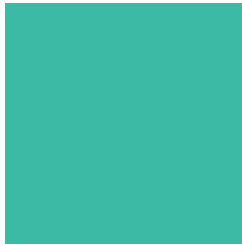
9C0019



1C0004

Previews

White Background



This preview shows how the Hex color 3DBAA6 looks on a white background.

Color Contrast Check

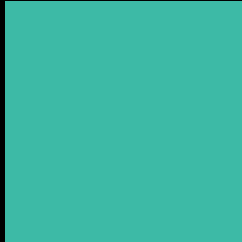
Large Text (above 18pt) WCAG AA × Fail

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 3DBAA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

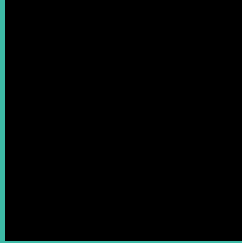
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

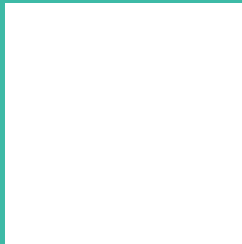
Any Text WCAG AAA ✓ Pass

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

Hex 3DBAA6 Background



This preview shows how black text looks on a background with the Hex color 3DBAA6.

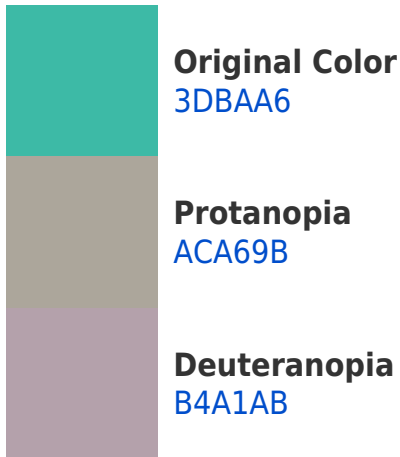


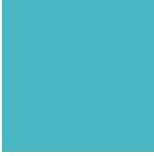
This preview shows how white text looks on a background with the Hex color 3DBAA6.

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
4BB6C4

Trichromacy



Original Color
3DBAA6



Protanomaly
84AD9F



Deuteranomaly
89AAA9



Tritanomaly
46B7B9

Monochromacy



Original Color
3DBAA6



Achromatopsia
929292



Achromatomaly
73A199

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DBAA6 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 #3DBAA6 looks like.

```
.text, #text, p{  
    color:#3DBAA6  
}
```

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 #3DBAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DBAA6
}
```

Border

The CSS property to change the border of an element to Hex 3DBAA6 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
#3DBAA6 }
```

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

```
.border{ border-color:#3DBAA6 }
```

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

Here you see how a box with a 4 pixel #3DBAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DBAA6; -webkit-box-shadow:4px 4px  
4px 4px #3DBAA6; box-shadow:4px 4px 4px  
4px #3DBAA6 }
```

Background

The CSS property to change the background color of an element to Hex 3DBAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DBAA6 }
```

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

```
.background{ background-color:#3DBAA6 }
```

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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