

Converting Colors

Hex(3D98AB)

Have a look what the booklet for
Hex(3D98AB) contains.

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Color

Hex(3D98AB)

Conversions

Conversions Part 1

Format	Color
Hex	3D98AB
RGB	61, 152, 171
RGB Percent	24%, 60%, 67%
CMY	0.7608, 0.4039, 0.3294
CMYK	0.64, 0.11, 0.00, 0.33
HSL	190°, 47%, 45%
HSV	190°, 64%, 67%
XYZ	20.5034, 26.3888, 42.5410
YIQ	126.9570, -60.3350, -13.3830

Conversions

Conversions Part 2

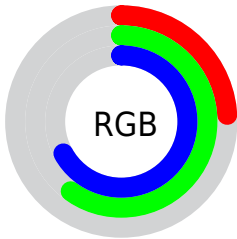
Format	Color
R_{YB}	61, 111, 171
Decimal	4036779
CIE _{Lab}	58.40, -20.84, -17.93
CIE _{LCh}	58, 27.489, 220.705
Yxy	26.3888, 0.2293, 0.2951
Android (android.graphics.Color)	4282226859 (0xFF3D98AB)
YUV	126.9570, 21.7132, -57.8443
Hunter-Lab	51.3701, -18.6527, -13.1406

Details

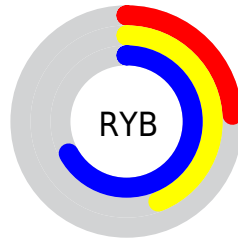
The Hex color **3D98AB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB503D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **78CEE2**, and **006577** is the 20% darker color. If you saturate the color by 10%, you get **2C95AB**, and if you desaturate by 10%, it is **4E9BAB**.

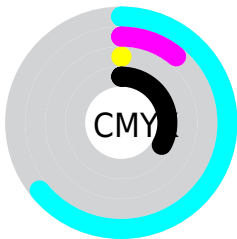
Distribution



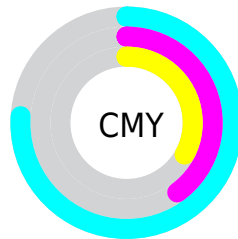
- Red (24%)
- Green (60%)
- Blue (67%)



- Red (24%)
- Yellow (44%)
- Blue (67%)



- Cyan (64%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (76%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D98AB 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 3D98AB by changing the saturation by 10% instead.

 3D98AB

 3D98AB

FFFFFF

 177E90

 78CEE2

 006577

 95EBFF

 004D5E

 B2FFFF

 003646

 CFFFFFF

 002130

 EDFFFF

 00011B

 000000

 3D98AB

 3D98AB

 2C95AB

 4E9BAB

■ 1B92AB

■ 5F9EAB

■ 0A8FAB

■ 70A1AB

■ 008DAB

■ 81A4AB

■ 92A7AB

■ A4AAAB

■ B5ADAB

■ C6B0AB

■ D7B3AB

Harmonies

Analogous

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



449A94



3D98AB



5593B9

Triad

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



3D98AB



B27C9D



958E5D

Complementary

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



3D98AB



AB503D

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.



AB865F



3D98AB



BC7A85

Square

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



3D98AB



9B83B1



B97E6E



7A9467

Rectangle

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



3D98AB



6D8EBC



B97E6E



9D8B5C

Sweetspot

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



3D98AB



B4D7DE



3DAB4F



566C70



F0F0F0



707070

Same Dimension

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



3D98AB



33CODE



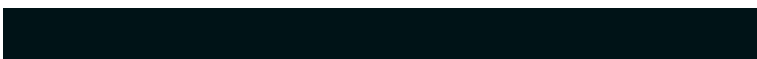
3D62AB



4E5557



007C96



001317

Inverse Universe

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



AB3D98



DE33C0



AB863D



574E55



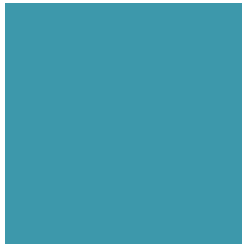
96007C



170013

Previews

White Background



This preview shows how the Hex color 3D98AB looks on a white background.

Color Contrast Check

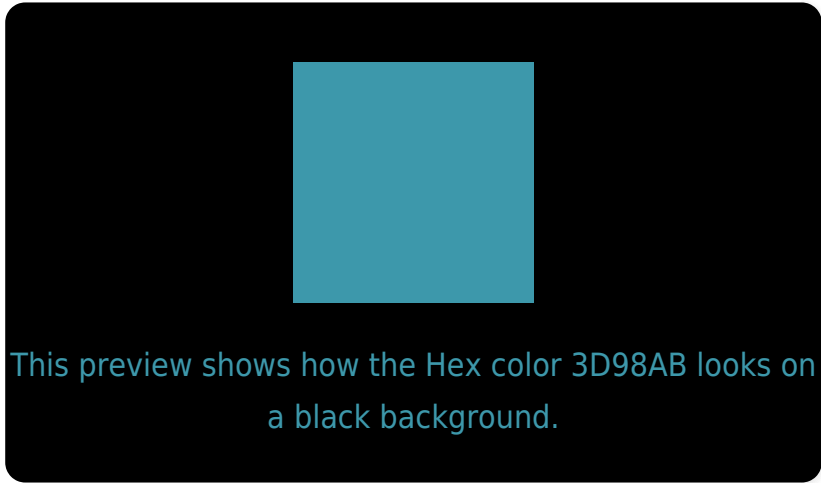
Large Text (above 18pt) WCAG AA ✓ Pass

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

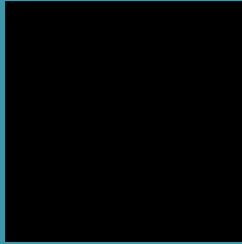
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3D98AB Background



This preview shows how black text looks on a background with the Hex color 3D98AB.

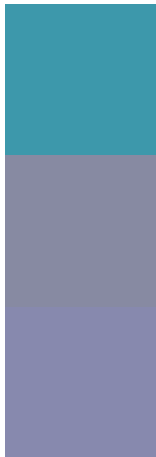


This preview shows how white text looks on a background with the Hex color 3D98AB.

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



Original Color
3D98AB

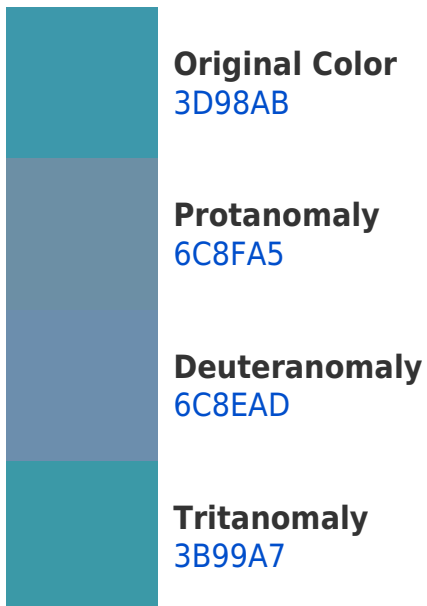
Protanopia
878AA2

Deuteranopia
8789AE

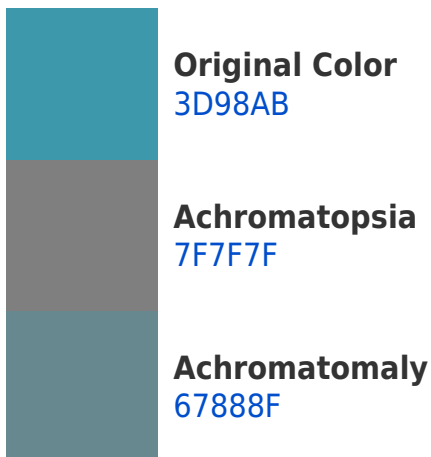


Tritanopia
3A99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D98AB 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 #3D98AB looks like.

```
.text, #text, p{  
    color:#3D98AB  
}
```

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 #3D98AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D98AB
}
```

Border

The CSS property to change the border of an element to Hex 3D98AB 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
#3D98AB }
```

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

```
.border{ border-color:#3D98AB }
```

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

Here you see how a box with a 4 pixel #3D98AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D98AB; -webkit-box-shadow:4px 4px  
4px 4px #3D98AB; box-shadow:4px 4px 4px  
4px #3D98AB }
```

Background

The CSS property to change the background color of an element to Hex 3D98AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D98AB }
```

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

```
.background{ background-color:#3D98AB }
```

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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