

Converting Colors

Hex(3D9A96)

Have a look what the booklet for
Hex(3D9A96) contains.

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Color

Hex(3D9A96)

Conversions

Conversions Part 1

Format	Color
Hex	3D9A96
RGB	61, 154, 150
RGB Percent	24%, 60%, 59%
CMY	0.7608, 0.3961, 0.4118
CMYK	0.60, 0.00, 0.03, 0.40
HSL	177°, 43%, 42%
HSV	177°, 60%, 60%
XYZ	18.9851, 26.3053, 32.9310
YIQ	125.7370, -54.1440, -20.9600

Conversions

Conversions Part 2

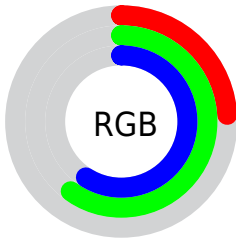
Format	Color
R _Y B	61, 109, 154
Decimal	4037270
CIE Lab	58.33, -28.09, -6.10
CIE LCh	58, 28.747, 192.254
Yxy	26.3053, 0.2427, 0.3363
Android (android.graphics.Color)	4282227350 (0xFF3D9A96)
YUV	125.7370, 11.9617, -56.7743
Hunter-Lab	51.2887, -23.6814, -2.1663

Details

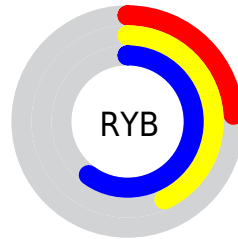
The Hex color **3D9A96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A3D41**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **77D1CC**, and **006663** is the 20% darker color. If you saturate the color by 10%, you get **2E9A95**, and if you desaturate by 10%, it is **4C9A97**.

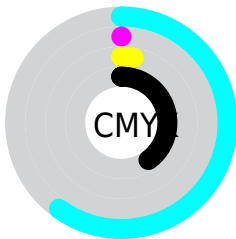
Distribution



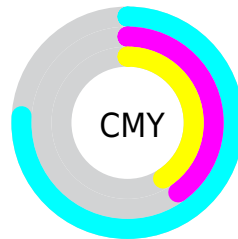
- Red (24%)
- Green (60%)
- Blue (59%)



- Red (24%)
- Yellow (43%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D9A96 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 3D9A96 by changing the saturation by 10% instead.

 3D9A96

 3D9A96

FFFFFF

 1A807C

 77D1CC

 006663

 93EDE8

 004E4B

 B0FFFF

 003635

 CCFFFF

 002220

 EAFFFF

 000008

 000000

 3D9A96

 3D9A96

 2E9A95

 4C9A97

■ 1E9A95

■ 5C9A97

■ 0F9A94

■ 6B9A98

■ 009A93

■ 7B9A99

■ 8A9A99

■ 999A9A

■ A99A9B

■ B89A9B

■ C89A9C

Harmonies

Analogous

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



59997C



3D9A96



3698AD

Triad

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



3D9A96



9D82B2



AB865D

Complementary

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



3D9A96



9A3D41

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.



BA7E6C



3D9A96



B47B9C

Square

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



3D9A96



7A8BBD



BE7983



938E5B

Rectangle

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



3D9A96



4795B8



BE7983



B18360

Sweetspot

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



3D9A96



A5C9C8



429A3D



506665



E6E6E6



666666

Same Dimension

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



3D9A96



38C9C3



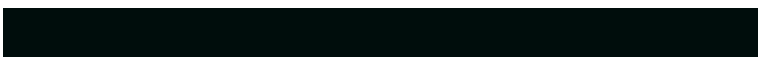
3D709A



454D4C



008C86



000D0C

Inverse Universe

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



9A3D41



C9383F



9A673D



4D4545



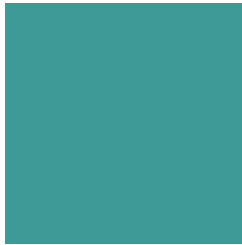
8C0006



0D0001

Previews

White Background



This preview shows how the Hex color 3D9A96 looks on a white background.

Color Contrast Check

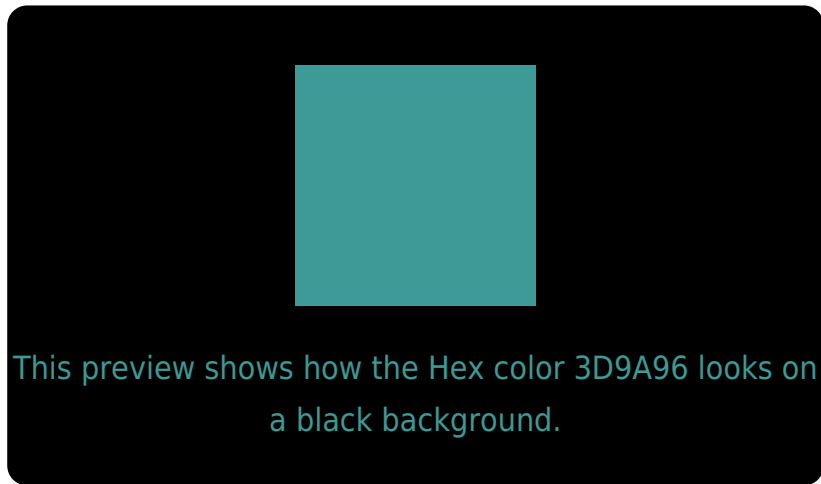
Large Text (above 18pt) WCAG AA ✓ Pass

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

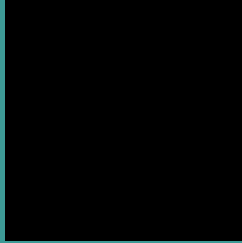
Any Text WCAG AA ✓ Pass

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 3D9A96 Background



This preview shows how black text looks on a background with the Hex color 3D9A96.

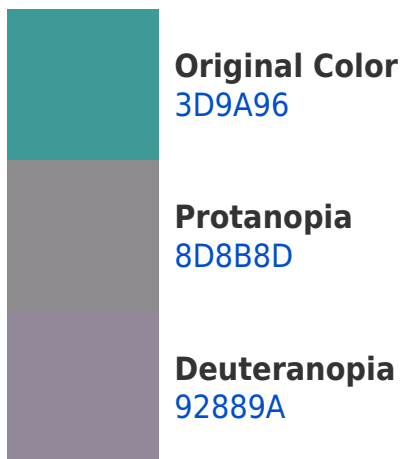


This preview shows how white text looks on a background with the Hex color 3D9A96.

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
4398A4

Trichromacy



Original Color
3D9A96

Protanomaly
709090

Deuteranomaly
738F99

Tritanomaly
41999F

Monochromacy



Original Color
3D9A96

Achromatopsia
7E7E7E

Achromatomaly
668887

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D9A96 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 #3D9A96 looks like.

```
.text, #text, p{  
    color:#3D9A96  
}
```

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 #3D9A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9A96
}
```

Border

The CSS property to change the border of an element to Hex 3D9A96 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
#3D9A96 }
```

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

```
.border{ border-color:#3D9A96 }
```

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

Here you see how a box with a 4 pixel #3D9A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9A96; -webkit-box-shadow:4px 4px  
4px 4px #3D9A96; box-shadow:4px 4px 4px  
4px #3D9A96 }
```

Background

The CSS property to change the background color of an element to Hex 3D9A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9A96 }
```

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

```
.background{ background-color:#3D9A96 }
```

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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