

Converting Colors

Hex(249894)

Have a look what the booklet for
Hex(249894) contains.

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Color

Hex(249894)

Conversions

Conversions Part 1

Format	Color
Hex	249894
RGB	36, 152, 148
RGB Percent	14%, 60%, 58%
CMY	0.8588, 0.4039, 0.4196
CMYK	0.76, 0.00, 0.03, 0.40
HSL	178°, 62%, 37%
HSV	178°, 76%, 60%
XYZ	17.3011, 24.9697, 31.9247
YIQ	116.8600, -67.8520, -25.8360

Conversions

Conversions Part 2

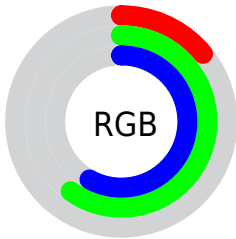
Format	Color
R_{YB}	36, 95, 152
Decimal	2398356
CIE _{Lab}	57.05, -31.49, -6.93
CIE _{LCh}	57, 32.239, 192.407
Yxy	24.9697, 0.2332, 0.3365
Android (android.graphics.Color)	4280588436 (0xFF249894)
YUV	116.8600, 15.3520, -70.9142
Hunter-Lab	49.9696, -25.6445, -2.9006

Details

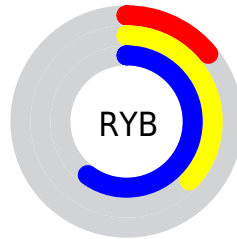
The Hex color **249894** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **982428**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **66CFCA**, and **006461** is the 20% darker color. If you saturate the color by 10%, you get **159893**, and if you desaturate by 10%, it is **339895**.

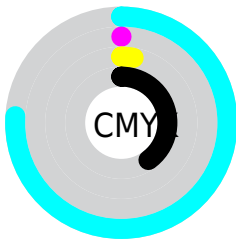
Distribution



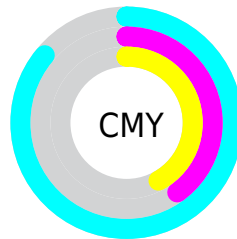
- Red (14%)
- Green (60%)
- Blue (58%)



- Red (14%)
- Yellow (37%)
- Blue (60%)



- Cyan (76%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (86%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249894 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 249894 by changing the saturation by 10% instead.

■ 249894

■ 249894

FFFFFF

■ 007E7A

■ 66CFCA

■ 006461

■ 83EBE6

■ 004C4A

■ A0FFFF

■ 003433

■ BDFFFF

■ 00211E

■ DBFFFF

■ 000004

■ F9FFFF

■ 000000

■ 249894

■ 249894

■ 159893

■ 339895

■ 069893

■ 429895

■ 009893

■ 529896

■ 619896

■ 709897

■ 7F9897

■ 8E9898

■ 9E9898

■ AD9899

Harmonies

Analogous

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



4D9777



249894



1096AE

Triad

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



249894



9B7DB3



AA8154

Complementary

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



249894



982428

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.



BB7864



249894



B5759B

Square

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



249894



7388C0



C0737E



908B51

Rectangle

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



249894



3193BA



C0737E



B17E58

Sweetspot

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



249894



97C4C3



2A9824



486362



E3E3E3



636363

Same Dimension

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



249894



10C4BE



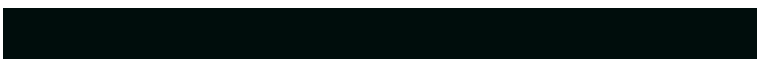
246498



454D4C



008C87



000D0C

Inverse Universe

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



982428



C41016



985824



4D4545



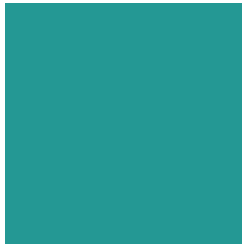
8C0005



0D0000

Previews

White Background



This preview shows how the Hex color 249894 looks on a white background.

Color Contrast Check

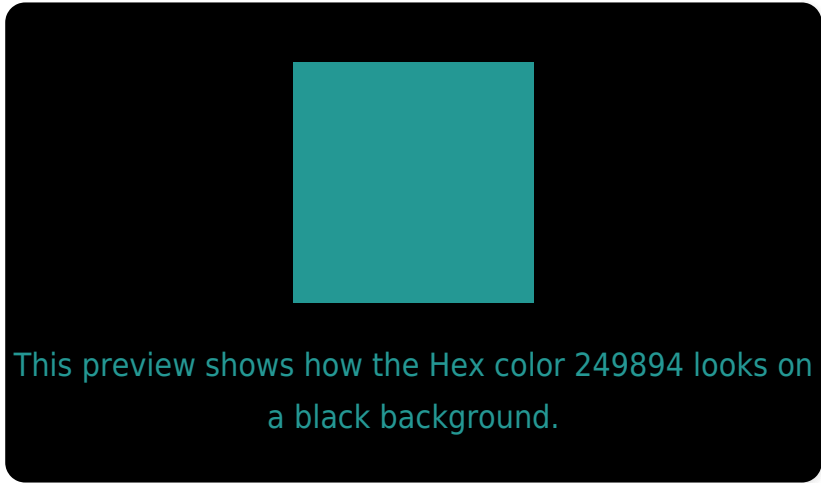
Large Text (above 18pt) WCAG AA ✓ Pass

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

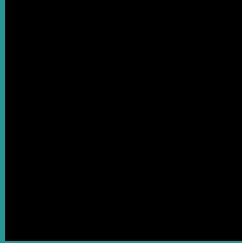
Any Text WCAG AA ✓ Pass

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 249894 Background



This preview shows how black text looks on a background with the Hex color 249894.

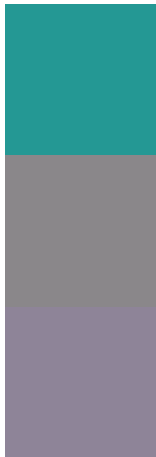


This preview shows how white text looks on a background with the Hex color 249894.

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](#).

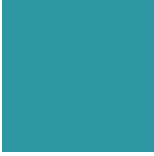
Dichromacy



Original Color
249894

Protanopia
8A878A

Deuteranopia
8E8498



Tritanopia
2E96A2

Trichromacy



Original Color
249894



Protanomaly
658D8E



Deuteranomaly
678B97



Tritanomaly
2A979D

Monochromacy



Original Color
249894



Achromatopsia
757575



Achromatomaly
588280

CSS Examples

Text

The CSS property to change the color of the text to Hex 249894 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 #249894 looks like.

```
.text, #text, p{  
    color:#249894  
}
```

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 #249894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249894  
}
```

Border

The CSS property to change the border of an element to Hex 249894 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  
#249894 }
```

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

```
.border{ border-color:#249894 }
```

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

Here you see how a box with a 4 pixel #249894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249894; -webkit-box-shadow:4px 4px  
4px 4px #249894; box-shadow:4px 4px 4px  
4px #249894 }
```

Background

The CSS property to change the background color of an element to Hex 249894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249894 }
```

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

```
.background{ background-color:#249894 }
```

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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