

Converting Colors

Hex(309874)

Have a look what the booklet for
Hex(309874) contains.

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Color

Hex(309874)

Conversions

Conversions Part 1

Format	Color
Hex	309874
RGB	48, 152, 116
RGB Percent	19%, 60%, 45%
CMY	0.8118, 0.4039, 0.5451
CMYK	0.68, 0.00, 0.24, 0.40
HSL	159°, 52%, 39%
HSV	159°, 68%, 60%
XYZ	15.5995, 24.3458, 20.4000
YIQ	116.8000, -50.4280, -33.2440

Conversions

Conversions Part 2

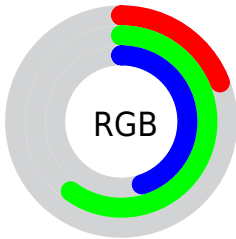
Format	Color
R_{YB}	48, 111, 152
Decimal	3184756
CIE _{Lab}	56.43, -38.45, 10.44
CIE _{LCh}	56, 39.846, 164.809
Yxy	24.3458, 0.2585, 0.4034
Android (android.graphics.Color)	4281374836 (0xFF309874)
YUV	116.8000, -0.3944, -60.3376
Hunter-Lab	49.3415, -29.9139, 10.0258

Details

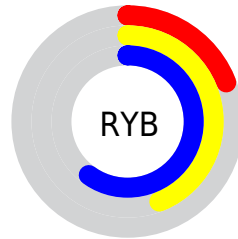
The Hex color **309874** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **983054**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6BCFA8**, and **006444** is the 20% darker color. If you saturate the color by 10%, you get **21986F**, and if you desaturate by 10%, it is **3F9879**.

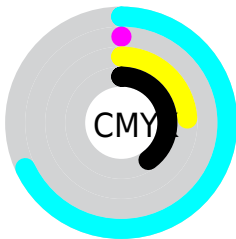
Distribution



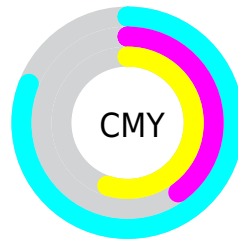
- Red (19%)
- Green (60%)
- Blue (45%)



- Red (19%)
- Yellow (44%)
- Blue (60%)



- Cyan (68%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



- Cyan (81%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309874 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 309874 by changing the saturation by 10% instead.

 309874

 309874

FFFFFF

 017E5B

 6BCFA8

 006444

 87ECC3

 004B2E

 A4FFDF

 003419

 C1FFFC

 001F00

 DEFFF

 000000

 FBFFF

 309874

 309874

 21986F

 3F9879

■ 129869

■ 4E987F

■ 029864

■ 5E9884

■ 009863

■ 6D9889

■ 7C988E

■ 8B9894

■ 9A9899

■ AA989E

■ B998A3

Harmonies

Analogous

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



659355



309874



009998

Triad

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



309874



6E85CA



C27358

Complementary

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



309874



983054

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.



C96B77



309874



A078B9

Square

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



309874



1490CA



BF6D9A



AB7F44

Rectangle

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



309874



0098AE



BF6D9A



C66F62

Sweetspot

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



309874



9BC4B6



549830



4B635B



E3E3E3



636363

Same Dimension

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



309874



23C48D



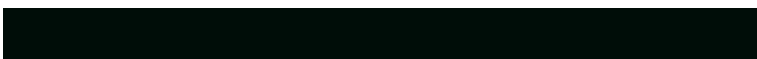
308898



454D4A



008C5C



000D08

Inverse Universe

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



983054



C4235B



984030



4D4547



8C0031



0D0004

Previews

White Background



This preview shows how the Hex color 309874 looks on a white background.

Color Contrast Check

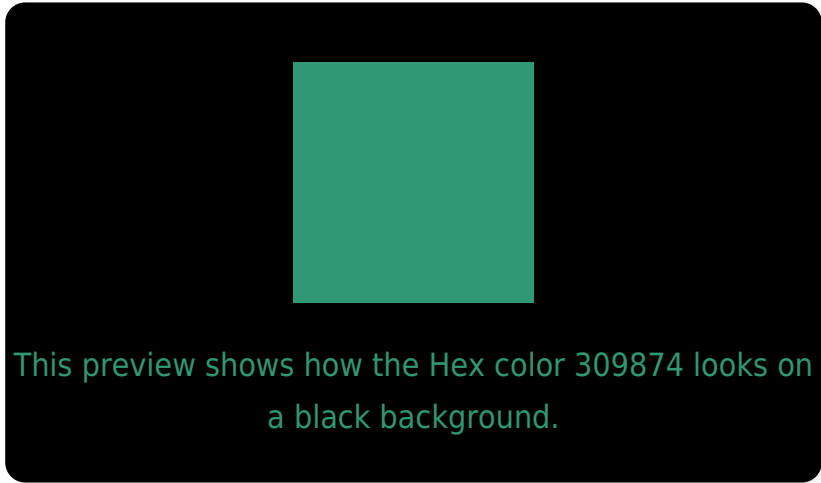
Large Text (above 18pt) WCAG AA ✓ Pass

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

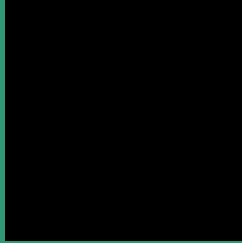
Any Text WCAG AA ✓ Pass

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 309874 Background



This preview shows how black text looks on a background with the Hex color 309874.

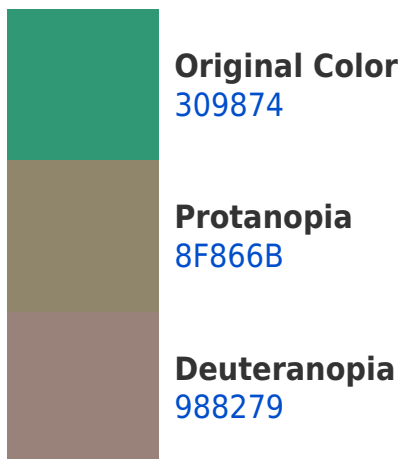


This preview shows how white text looks on a background with the Hex color 309874.

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](#).

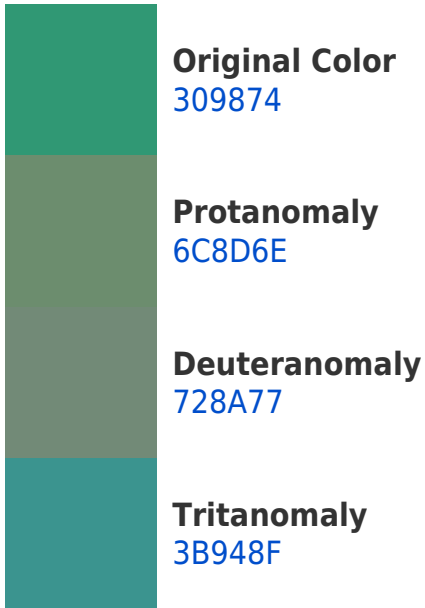
Dichromacy



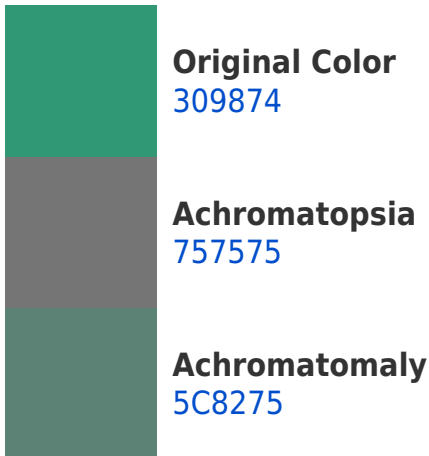


Tritanopia
42929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 309874 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 #309874 looks like.

```
.text, #text, p{  
    color:#309874  
}
```

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 #309874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309874
}
```

Border

The CSS property to change the border of an element to Hex 309874 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
#309874 }
```

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

```
.border{ border-color:#309874 }
```

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

Here you see how a box with a 4 pixel #309874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309874; -webkit-box-shadow:4px 4px  
4px 4px #309874; box-shadow:4px 4px 4px  
4px #309874 }
```

Background

The CSS property to change the background color of an element to Hex 309874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309874 }
```

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

```
.background{ background-color:#309874 }
```

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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