

Converting Colors

Hex(309261)

Have a look what the booklet for
Hex(309261) contains.

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Color

Hex(309261)

Conversions

Conversions Part 1

Format	Color
Hex	309261
RGB	48, 146, 97
RGB Percent	19%, 57%, 38%
CMY	0.8118, 0.4275, 0.6196
CMYK	0.67, 0.00, 0.34, 0.43
HSL	150°, 51%, 38%
HSV	150°, 67%, 57%
XYZ	13.6555, 22.0492, 14.8455
YIQ	111.1120, -42.6790, -36.0150

Conversions

Conversions Part 2

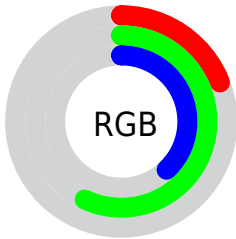
Format	Color
RYB	48, 113, 146
Decimal	3183201
CIELab	54.08, -40.19, 17.89
CIELCh	54, 43.992, 156.007
Yxy	22.0492, 0.2701, 0.4362
Android (android.graphics.Color)	4281373281 (0xFF309261)
YUV	111.1120, -6.9572, -55.3492
Hunter-Lab	46.9566, -30.2643, 14.1249

Details

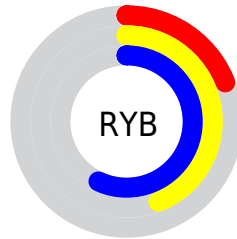
The Hex color **309261** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **923061**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6AC994**, and **005E32** is the 20% darker color. If you saturate the color by 10%, you get **21925A**, and if you desaturate by 10%, it is **3F9268**.

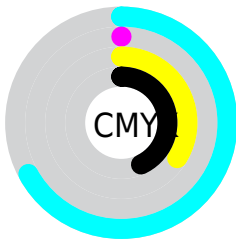
Distribution



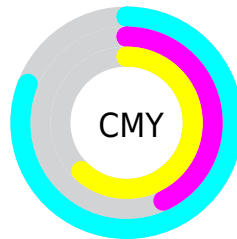
- Red (19%)
- Green (57%)
- Blue (38%)



- Red (19%)
- Yellow (44%)
- Blue (57%)



- Cyan (67%)
- Magenta (0%)
- Yellow (34%)
- Black (43%)



- Cyan (81%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309261 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 309261 by changing the saturation by 10% instead.



309261



309261

FFFFFF



067849



6AC994



005E32



86E5AF



00461C



A2FFCA



002F05



BEFFE6



001700



DBFFFF



000000



F9FFFF



309261



309261



21925A



3F9268

■ 139252

■ 4D9270

■ 04924B

■ 5C9277

■ 009249

■ 6A927E

■ 799285

■ 88928D

■ 969294

■ A5929B

■ B392A3

Harmonies

Analogous

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



688C41



309261



009488

Triad

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



309261



4A83CD



C46757

Complementary

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



309261



923061

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.



C7607B



309261



8E74BF

Square

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



309261



008DC6



B666A1



B0743B

Rectangle

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



309261



0094A1



B666A1



C76362

Sweetspot

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



309261



97BDAA



619230



485E53



DEDEDE



5E5E5E

Same Dimension

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



309261



24BD70



309292



434A46



008A45



000A05

Inverse Universe

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



923061



BD2470



923030



4A4346



8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 309261 looks on a white background.

Color Contrast Check

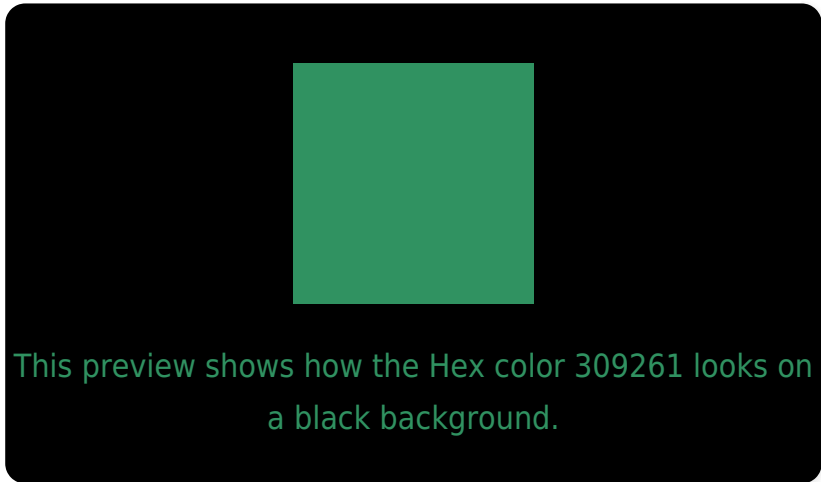
Large Text (above 18pt) WCAG AA ✓ Pass

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

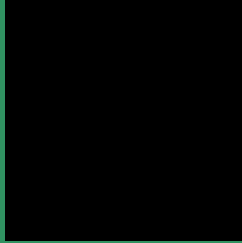
Any Text WCAG AA ✓ Pass

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 309261 Background



This preview shows how black text looks on a background with the Hex color 309261.



This preview shows how white text looks on a background with the Hex color 309261.

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](#).

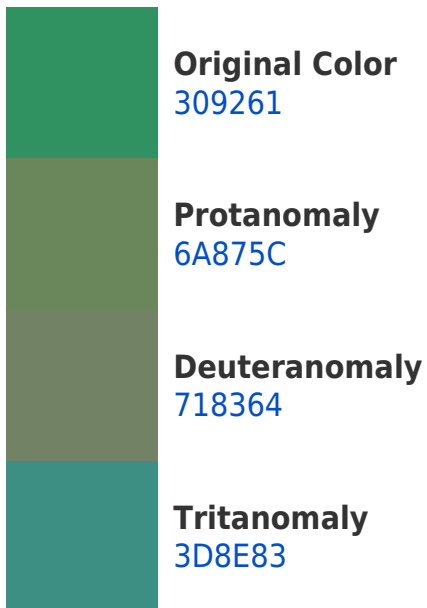
Dichromacy



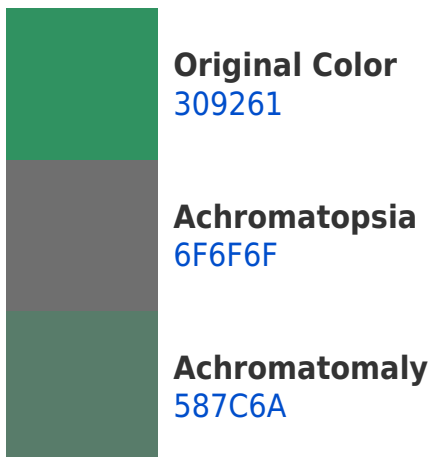


Tritanopia
448B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 309261 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 #309261 looks like.

```
.text, #text, p{  
    color:#309261  
}
```

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 #309261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309261
}
```

Border

The CSS property to change the border of an element to Hex 309261 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
#309261 }
```

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

```
.border{ border-color:#309261 }
```

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

Here you see how a box with a 4 pixel #309261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309261; -webkit-box-shadow:4px 4px  
4px 4px #309261; box-shadow:4px 4px 4px  
4px #309261 }
```

Background

The CSS property to change the background color of an element to Hex 309261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309261 }
```

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

```
.background{ background-color:#309261 }
```

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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