

# Converting Colors

Hex(249281)

Have a look what the booklet for  
Hex(249281) contains.

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# Color

Hex(249281)

# Conversions

## Conversions Part 1

Format	Color
Hex	249281
RGB	36, 146, 129
RGB Percent	14%, 57%, 51%
CMY	0.8588, 0.4275, 0.4941
CMYK	0.75, 0.00, 0.12, 0.43
HSL	171°, 60%, 36%
HSV	171°, 75%, 57%
XYZ	14.9689, 22.5178, 24.3263
YIQ	111.1720, -60.1030, -28.6070

# Conversions

## Conversions Part 2

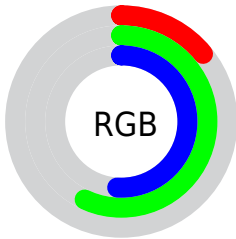
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 96, 146
Decimal	2396801
CIE <sub>Lab</sub>	54.57, -34.18, 0.32
CIE <sub>LCh</sub>	55, 34.177, 179.467
Yxy	22.5178, 0.2422, 0.3643
Android (android.graphics.Color)	4280586881 (0xFF249281)
YUV	111.1720, 8.7892, -65.9258
Hunter-Lab	47.4529, -26.7354, 2.8226

# Details

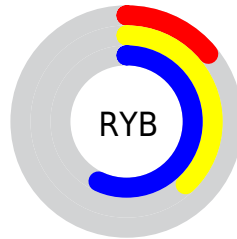
The Hex color **249281** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **922435**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **63C9B6**, and **005F50** is the 20% darker color. If you saturate the color by 10%, you get **15927F**, and if you desaturate by 10%, it is **339283**.

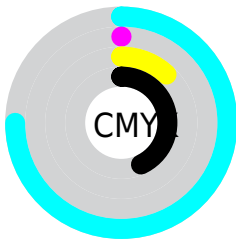
# Distribution



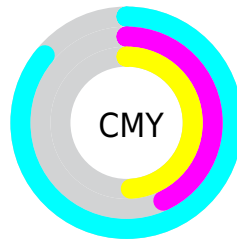
- Red (14%)
- Green (57%)
- Blue (51%)



- Red (14%)
- Yellow (38%)
- Blue (57%)



- Cyan (75%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)



- Cyan (86%)
- Magenta (43%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 249281 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 249281 by changing the saturation by 10% instead.



■ 249281

■ 249281

FFFFFF

■ 007868

■ 63C9B6

■ 005F50

■ 80E5D1

■ 004639

■ 9CFFEE

■ 002F24

■ B9FFFF

■ 00190E

■ D7FFFF

■ 000000

■ F4FFFF

■ 249281

■ 249281

■ 15927F

■ 339283

07927C

419286

00927B

509288

5E928A

6D928C

7C928F

8A9291

999293

A79295

# Harmonies

## Analogous

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



548F64



249281



00919F

# Triad

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



249281



857BB6



AD7650

# Complementary

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



249281



922435

# 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.



BA6E67



249281



A771A1

# Square

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



249281



5486BD



B96B84



968147

# Rectangle

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



249281



008FAF



B96B84



B37357



# Sweetspot

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



249281



91BDB6



369224



445E5A



DEDEDE



5E5E5E



# Same Dimension

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



249281



13BDA2



246D92



434A49



008A74



000A09



# Inverse Universe

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



922435



BD132D



924924



4A4344



8A0015

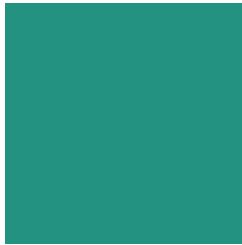


0A0002



# Previews

## White Background



This preview shows how the Hex color 249281 looks on a white background.

## Color Contrast Check

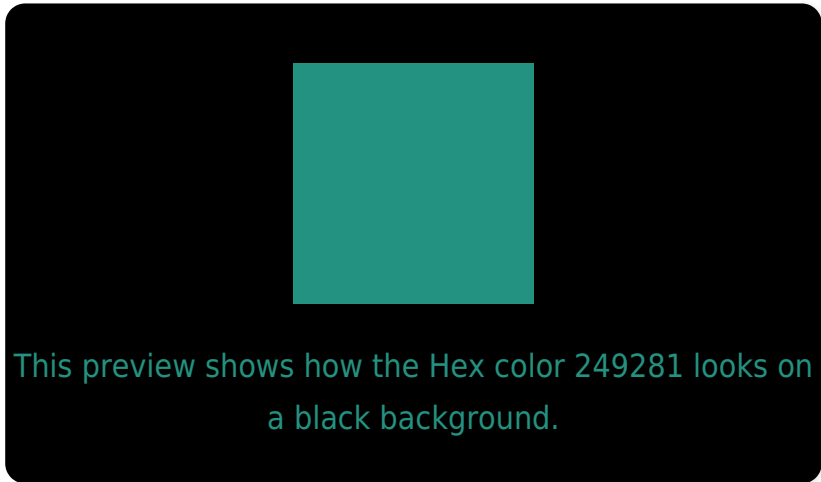
Large Text (above 18pt) WCAG AA ✓ Pass

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

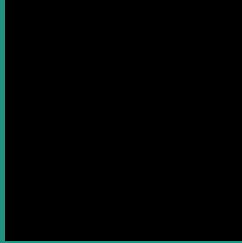
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 249281 Background



This preview shows how black text looks on a background with the Hex color 249281.

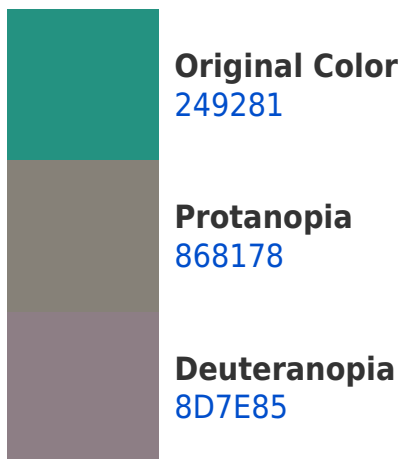


This preview shows how white text looks on a background with the Hex color 249281.

# 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**  
338E9A

# Trichromacy



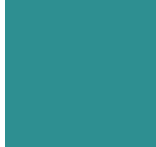
**Original Color**  
249281



**Protanomaly**  
62877B



**Deuteranomaly**  
678584



**Tritanomaly**  
2E8F91

# Monochromacy



**Original Color**  
249281



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
547C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 249281 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 #249281 looks like.

```
.text, #text, p{  
    color:#249281  
}
```

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 #249281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249281
}
```

## Border

The CSS property to change the border of an element to Hex 249281 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
#249281 }
```

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

```
.border{ border-color:#249281 }
```

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

Here you see how a box with a 4 pixel #249281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249281; -webkit-box-shadow:4px 4px  
4px 4px #249281; box-shadow:4px 4px 4px  
4px #249281 }
```

# Background

The CSS property to change the background color of an element to Hex 249281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249281 }
```

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

```
.background{ background-color:#249281 }
```

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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