

# Converting Colors

Hex(249287)

Have a look what the booklet for  
Hex(249287) contains.

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# Color

Hex(249287)

# Conversions

## Conversions Part 1

Format	Color
Hex	249287
RGB	36, 146, 135
RGB Percent	14%, 57%, 53%
CMY	0.8588, 0.4275, 0.4706
CMYK	0.75, 0.00, 0.08, 0.43
HSL	174°, 60%, 36%
HSV	174°, 75%, 57%
XYZ	15.3796, 22.6821, 26.4892
YIQ	111.8560, -62.0290, -26.7410

# Conversions

## Conversions Part 2

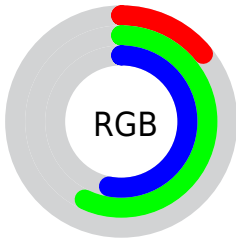
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 94, 146
Decimal	2396807
CIELab	54.74, -32.47, -2.88
CIELCh	55, 32.594, 185.072
Yxy	22.6821, 0.2383, 0.3514
Android (android.graphics.Color)	4280586887 (0xFF249287)
YUV	111.8560, 11.4100, -66.5257
Hunter-Lab	47.6257, -25.7027, 0.3613

# Details

The Hex color **249287** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **92242F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **64C9BC**, and **005F55** is the 20% darker color. If you saturate the color by 10%, you get **159286**, and if you desaturate by 10%, it is **339288**.

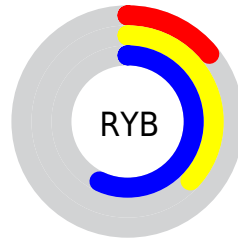
# Distribution



Red (14%)

Green (57%)

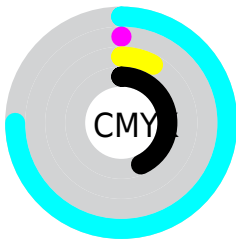
Blue (53%)



Red (14%)

Yellow (37%)

Blue (57%)

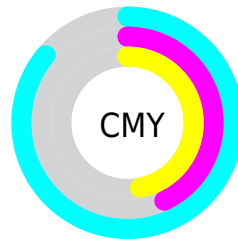


Cyan (75%)

Magenta (0%)

Yellow (8%)

Black (43%)



Cyan (86%)

Magenta (43%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 249287 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 249287 by changing the saturation by 10% instead.



 249287

 249287

FFFFFF

 00786E

 64C9BC

 005F55

 80E5D8

 00463E

 9DFFF4

 002F29

 BAF0FF

 001A14

 D7FFF0

 000000

 F5FFF0

 249287

 249287

 159286

 339288

079284

41928A

009283

50928B

5E928D

6D928E

7C9290

8A9291

999293

A79294

# Harmonies

## Analogous

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



50906A



249287



0091A2

# Triad

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



249287



8C7AB1



A97950

# Complementary

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



249287



92242F

# 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.



B77064



249287



AA719B

# Square

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



249287



6184BB



B96D7F



91834A

# Rectangle

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



249287



138EB0



B96D7F



AF7656



# Sweetspot

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



249287



91BDB8



2F9224



445E5C



DEDEDE



5E5E5E



# Same Dimension

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



249287



13BDAC



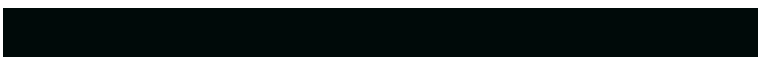
246692



434A49



008A7C



000A09



# Inverse Universe

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



92242F



BD1324



925024



4A4343



8A000E

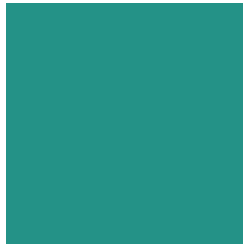


0A0001



# Previews

## White Background



This preview shows how the Hex color 249287 looks on a white background.

## Color Contrast Check

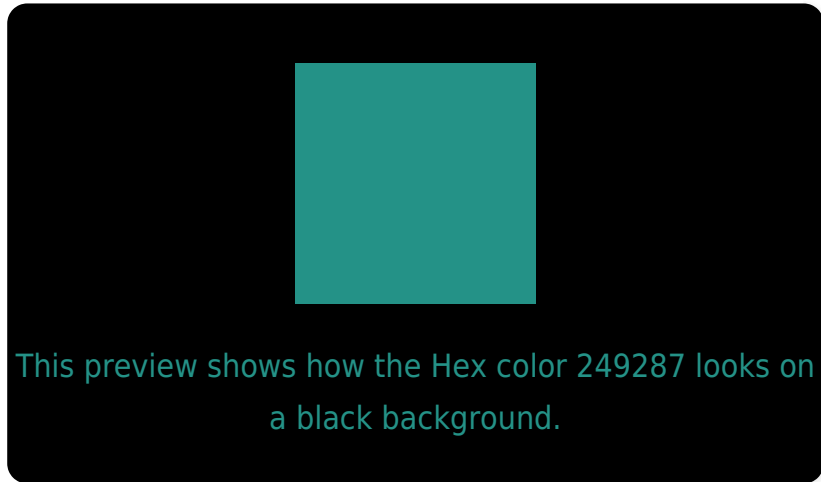
Large Text (above 18pt) WCAG AA ✓ Pass

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

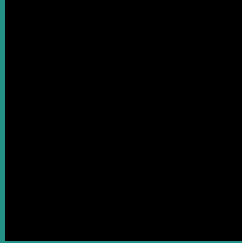
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 249287 Background



This preview shows how black text looks on a background with the Hex color 249287.

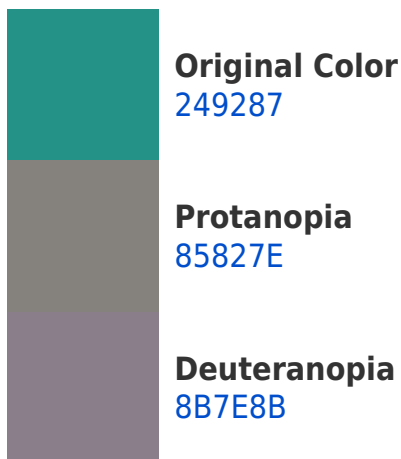


This preview shows how white text looks on a background with the Hex color 249287.

# 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



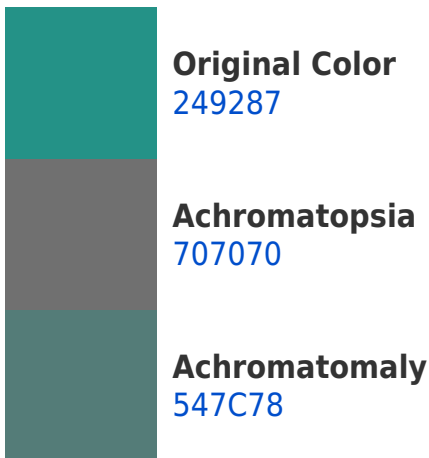


**Tritanopia**  
318F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 249287 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 #249287 looks like.

```
.text, #text, p{  
    color:#249287  
}
```

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 #249287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249287
}
```

## Border

The CSS property to change the border of an element to Hex 249287 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
#249287 }
```

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

```
.border{ border-color:#249287 }
```

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

Here you see how a box with a 4 pixel #249287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249287; -webkit-box-shadow:4px 4px  
4px 4px #249287; box-shadow:4px 4px 4px  
4px #249287 }
```

# Background

The CSS property to change the background color of an element to Hex 249287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249287 }
```

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

```
.background{ background-color:#249287 }
```

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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