

# Converting Colors

Hex(328068)

Have a look what the booklet for  
Hex(328068) contains.

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# Color

**Hex(328068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	328068
RGB	50, 128, 104
RGB Percent	20%, 50%, 41%
CMY	0.8039, 0.4980, 0.5922
CMYK	0.61, 0.00, 0.19, 0.50
HSL	162°, 44%, 35%
HSV	162°, 61%, 50%
XYZ	11.5333, 17.1159, 15.7925
YIQ	101.9420, -38.7840, -24.0000

# Conversions

## Conversions Part 2

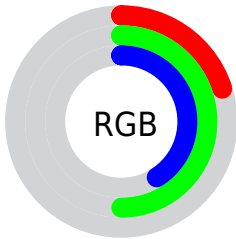
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 96, 128
Decimal	3309672
CIELab	48.41, -30.07, 5.96
CIELCh	48, 30.659, 168.785
Yxy	17.1159, 0.2595, 0.3851
Android (android.graphics.Color)	4281499752 (0xFF328068)
YUV	101.9420, 1.0146, -45.5531
Hunter-Lab	41.3714, -22.6389, 6.3274

# Details

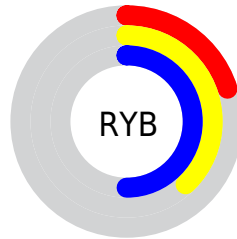
The Hex color **328068** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **80324A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **68B59B**, and **004E39** is the 20% darker color. If you saturate the color by 10%, you get **258064**, and if you desaturate by 10%, it is **3F806C**.

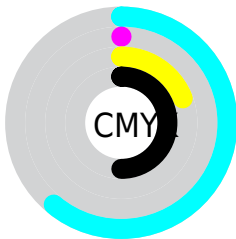
# Distribution



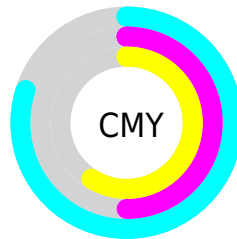
- Red (20%)
- Green (50%)
- Blue (41%)



- Red (20%)
- Yellow (38%)
- Blue (50%)



- Cyan (61%)
- Magenta (0%)
- Yellow (19%)
- Black (50%)



- Cyan (80%)
- Magenta (50%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 328068 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 328068 by changing the saturation by 10% instead.



 328068

 328068

FFFFFF

 126750

 68B59B

 004E39

 83D1B6

 003724

 9FEED2

 00220E

 BBFFEE

 000000

 D8FFFF

 F5FFFF

 328068

 328068

 258064

 3F806C

■ 188060

■ 4C8070

■ 0C805C

■ 588074

■ 008059

■ 658078

■ 72807C

■ 7F8080

■ 8C8084

■ 988088

■ A5808B

# Harmonies

## Analogous

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



567D50



328068



008183

# Triad

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



328068



6770A4



9E654D

# Complementary

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



328068



80324A

# 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.



A55F64



328068



8A6695

# Square

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



328068



3878A5



9F5F7E



8C6E40

# Rectangle

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



328068



007F93



9F5F7E



A26354



# Sweetspot

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



328068



88A69D



4B8032



42544E



D4D4D4



545454



# Same Dimension

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



328068



2DA681



327280



39403E



008058



000000



# Inverse Universe

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



80324A



A62D52



804032



40393B



800027



000000



# Previews

## White Background



This preview shows how the Hex color 328068 looks on a white background.

## Color Contrast Check

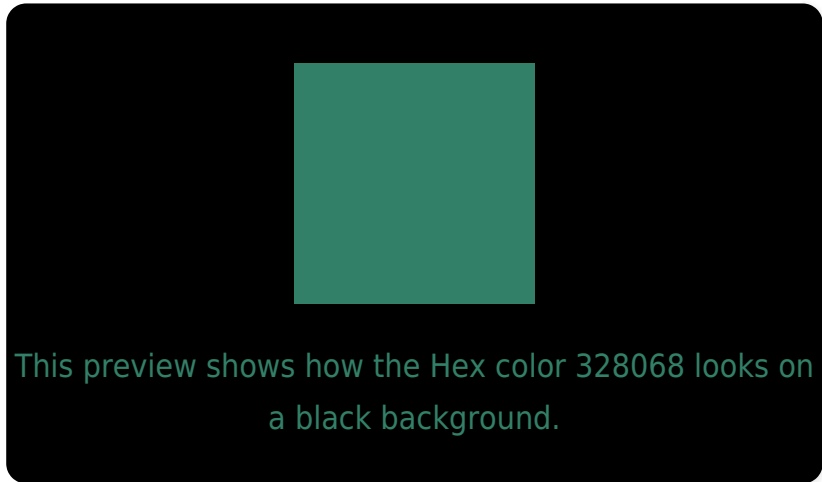
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

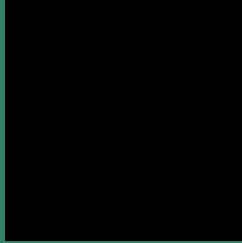
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 328068 Background



This preview shows how black text looks on a background with the Hex color 328068.

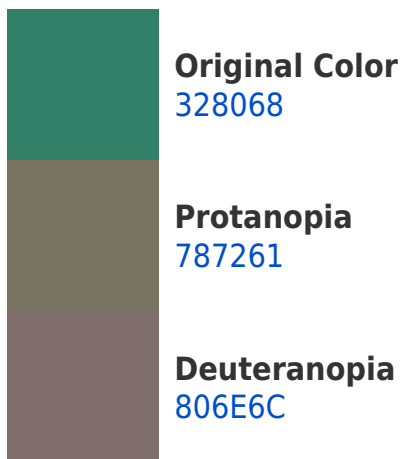



This preview shows how white text looks on a background with the Hex color 328068.

# 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**  
3D7C86

# Trichromacy



**Original Color**  
328068

**Protanomaly**  
5F7764

**Deuteranomaly**  
64756B

**Tritanomaly**  
397D7B

# Monochromacy



**Original Color**  
328068

**Achromatopsia**  
666666

**Achromatomaly**  
536F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 328068 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 #328068 looks like.

```
.text, #text, p{  
    color:#328068  
}
```

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 #328068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328068
}
```

## Border

The CSS property to change the border of an element to Hex 328068 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
#328068 }
```

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

```
.border{ border-color:#328068 }
```

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

Here you see how a box with a 4 pixel #328068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328068; -webkit-box-shadow:4px 4px  
4px 4px #328068; box-shadow:4px 4px 4px  
4px #328068 }
```

# Background

The CSS property to change the background color of an element to Hex 328068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328068 }
```

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

```
.background{ background-color:#328068 }
```

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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