

# Converting Colors

Hex(328273)

Have a look what the booklet for  
Hex(328273) contains.

<b>Hex(328273)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(328273)

# Conversions

## Conversions Part 1

Format	Color
Hex	328273
RGB	50, 130, 115
RGB Percent	20%, 51%, 45%
CMY	0.8039, 0.4902, 0.5490
CMYK	0.62, 0.00, 0.12, 0.49
HSL	169°, 44%, 35%
HSV	169°, 62%, 51%
XYZ	12.3925, 17.8812, 19.0179
YIQ	104.3700, -42.8650, -21.6250

# Conversions

## Conversions Part 2

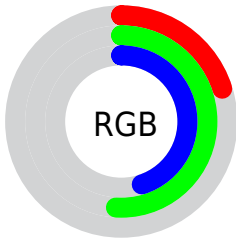
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 94, 130
Decimal	3310195
CIELab	49.35, -28.15, 0.88
CIElCh	49, 28.163, 178.213
Yxy	17.8812, 0.2514, 0.3628
Android (android.graphics.Color)	4281500275 (0xFF328273)
YUV	104.3700, 5.2406, -47.6825
Hunter-Lab	42.2861, -21.6889, 2.9350

# Details

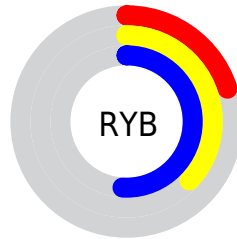
The Hex color **328273** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **823241**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **69B7A7**, and **005043** is the 20% darker color. If you saturate the color by 10%, you get **258271**, and if you desaturate by 10%, it is **3F8275**.

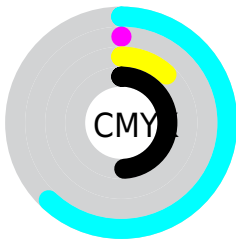
# Distribution



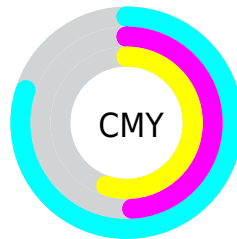
- Red (20%)
- Green (51%)
- Blue (45%)



- Red (20%)
- Yellow (37%)
- Blue (51%)



- Cyan (62%)
- Magenta (0%)
- Yellow (12%)
- Black (49%)



- Cyan (80%)
- Magenta (49%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 328273 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 328273 by changing the saturation by 10% instead.



 328273

 328273

FFFFFF

 10695A

 69B7A7

 005043

 84D3C2

 00382D

 A0F0DE

 002318

 BCFFFA

 000000

 D9FFFF

 F6FFFF

 328273

 328273

 258271

 3F8275

■ 18826E

■ 4C8278

■ 0B826C

■ 59827A

■ 00826A

■ 66827D

■ 73827F

■ 808282

■ 8D8284

■ 9A8287

■ A78289

# Harmonies

## Analogous

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



52805B



328273



14828B

# Triad

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



328273



76709F



996B4D

# Complementary

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



328273



823241

# 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.



A36560



328273



92678F

# Square

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



328273



5078A5



A16378



867345

# Rectangle

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



328273



1B8098



A16378



9E6953



# Sweetspot

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



328273



8AA8A3



428232



425451



D4D4D4



545454



# Same Dimension

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



328273



2CA891



326A82



39403F



008068



000000



# Inverse Universe

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



823241



A82C43



824A32



40393B



800018

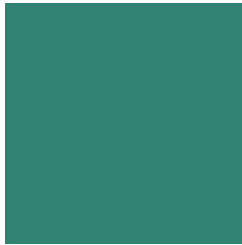


000000



# Previews

## White Background



This preview shows how the Hex color 328273 looks on a white background.

## Color Contrast Check

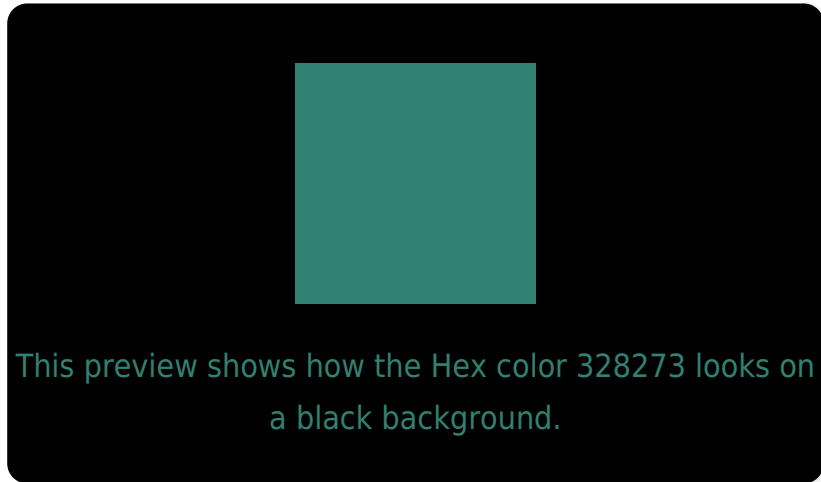
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

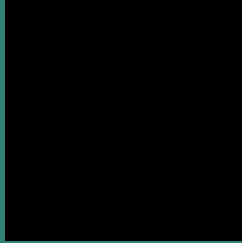
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 328273 Background



This preview shows how black text looks on a background with the Hex color 328273.

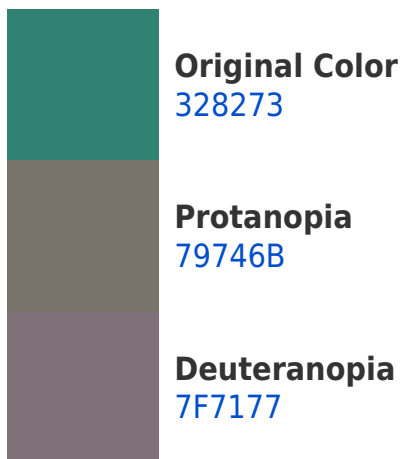


This preview shows how white text looks on a background with the Hex color 328273.

# 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**  
3B7F89

# Trichromacy



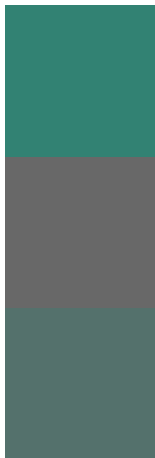
**Original Color**  
328273

**Protanomaly**  
5F796E

**Deuteranomaly**  
637776

**Tritanomaly**  
388081

# Monochromacy



**Original Color**  
328273

**Achromatopsia**  
686868

**Achromatomaly**  
54716C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 328273 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 #328273 looks like.

```
.text, #text, p{  
    color:#328273  
}
```

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 #328273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328273
}
```

## Border

The CSS property to change the border of an element to Hex 328273 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
#328273 }
```

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

```
.border{ border-color:#328273 }
```

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

Here you see how a box with a 4 pixel #328273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328273; -webkit-box-shadow:4px 4px  
4px 4px #328273; box-shadow:4px 4px 4px  
4px #328273 }
```

# Background

The CSS property to change the background color of an element to Hex 328273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328273 }
```

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

```
.background{ background-color:#328273 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor