

# Converting Colors

Hex(327281)

Have a look what the booklet for  
Hex(327281) contains.

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# Color

Hex(327281)

# Conversions

## Conversions Part 1

Format	Color
Hex	327281
RGB	50, 114, 129
RGB Percent	20%, 45%, 51%
CMY	0.8039, 0.5529, 0.4941
CMYK	0.61, 0.12, 0.00, 0.49
HSL	191°, 44%, 35%
HSV	191°, 61%, 51%
XYZ	11.2952, 14.2977, 22.9333
YIQ	96.5740, -42.9590, -8.9030

# Conversions

## Conversions Part 2

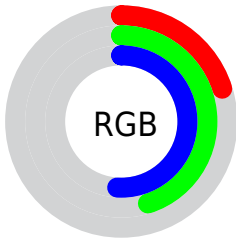
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 85, 129
Decimal	3306113
CIELab	44.66, -15.63, -14.42
CIELCh	45, 21.262, 222.685
Yxy	14.2977, 0.2328, 0.2946
Android (android.graphics.Color)	4281496193 (0xFF327281)
YUV	96.5740, 15.9860, -40.8454
Hunter-Lab	37.8123, -12.8507, -9.4910

# Details

The Hex color **327281** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **814132**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **69A6B6**, and **004250** is the 20% darker color. If you saturate the color by 10%, you get **257081**, and if you desaturate by 10%, it is **3F7481**.

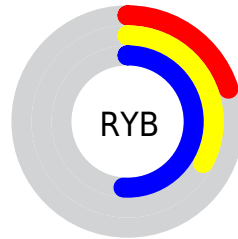
# Distribution



Red (20%)

Green (45%)

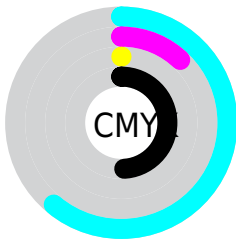
Blue (51%)



Red (20%)

Yellow (33%)

Blue (51%)

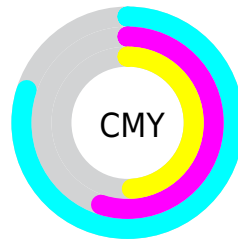


Cyan (61%)

Magenta (12%)

Yellow (0%)

Black (49%)



Cyan (80%)

Magenta (55%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 327281 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 327281 by changing the saturation by 10% instead.



 327281

 327281

FFFFFF

 115968

 69A6B6

 004250

 84C1D1

 002C39

 9FDDEE

 001823

 BBFAFF

 00000C

 D8FFFF

 000000

 F5FFFF

 327281

 327281

 257081

 3F7481

■ 186D81

■ 4C7781

■ 0B6B81

■ 597981

■ 006981

■ 667C81

■ 727E81

■ 7F8181

■ 8C8381

■ 998681

■ A68881

# Harmonies

## Analogous

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



357371



327281



446E8B

# Triad

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



327281



865E75



6E6B47

# Complementary

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



327281



814132

# 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.



7F6548



327281



8D5D63

# Square

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



327281



766284



8A5F52



5B704F

# Rectangle

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



327281



556B8D



8A5F52



756946



# Sweetspot

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



327281



8AA3A8



328140



425154



D4D4D4



545454



# Same Dimension

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



327281



2D91A8



324B81



393F40



006780



000000



# Inverse Universe

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



813272



A82D91



816832



40393F



800067

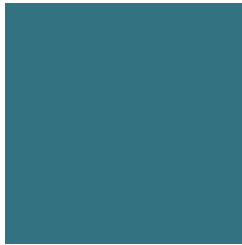


000000



# Previews

## White Background



This preview shows how the Hex color 327281 looks on a white background.

## Color Contrast Check

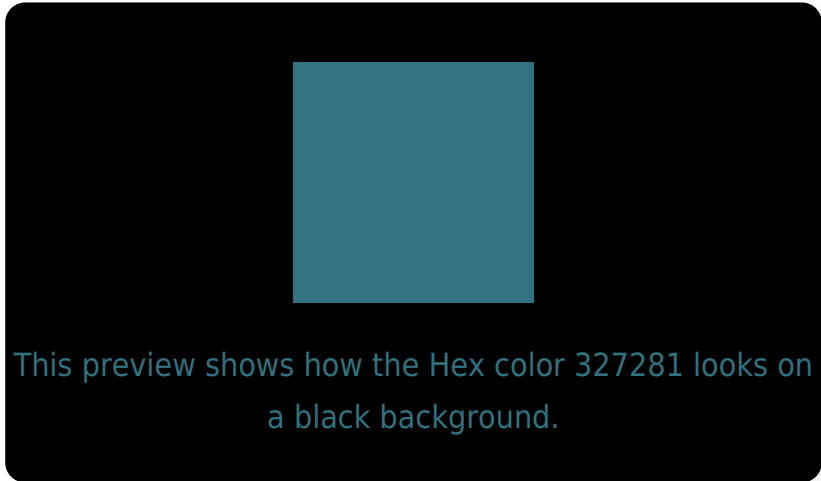
Large Text (above 18pt) WCAG AA ✓ Pass

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

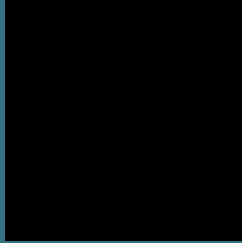
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 327281 Background



This preview shows how black text looks on a background with the Hex color 327281.

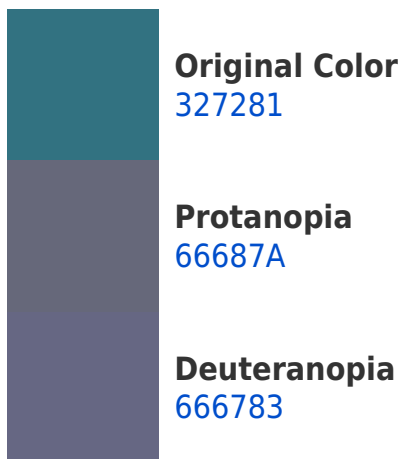


This preview shows how white text looks on a background with the Hex color 327281.

# 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**  
30737C

# Trichromacy



**Original Color**  
327281

**Protanomaly**  
536C7D

**Deuteranomaly**  
536B82

**Tritanomaly**  
31737E

# Monochromacy



**Original Color**  
327281

**Achromatopsia**  
616161

**Achromatomaly**  
50676D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 327281 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 #327281 looks like.

```
.text, #text, p{  
    color:#327281  
}
```

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 #327281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327281
}
```

## Border

The CSS property to change the border of an element to Hex 327281 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
#327281 }
```

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

```
.border{ border-color:#327281 }
```

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

Here you see how a box with a 4 pixel #327281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327281; -webkit-box-shadow:4px 4px  
4px 4px #327281; box-shadow:4px 4px 4px  
4px #327281 }
```

# Background

The CSS property to change the background color of an element to Hex 327281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327281 }
```

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

```
.background{ background-color:#327281 }
```

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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