

Converting Colors

Hex(327983)

Have a look what the booklet for
Hex(327983) contains.

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Color

Hex(327983)

Conversions

Conversions Part 1

Format	Color
Hex	327983
RGB	50, 121, 131
RGB Percent	20%, 47%, 51%
CMY	0.8039, 0.5255, 0.4863
CMYK	0.62, 0.08, 0.00, 0.49
HSL	187°, 45%, 35%
HSV	187°, 62%, 51%
XYZ	12.2495, 15.9915, 23.9138
YIQ	100.9110, -45.5260, -11.9420

Conversions

Conversions Part 2

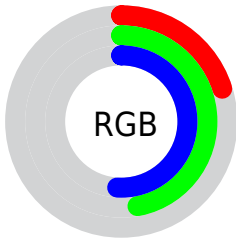
Format	Color
R _{YB}	50, 88, 131
Decimal	3307907
CIE _{Lab}	46.96, -18.83, -12.11
CIE _{LCh}	47, 22.392, 212.741
Yxy	15.9915, 0.2349, 0.3066
Android (android.graphics.Color)	4281497987 (0xFF327983)
YUV	100.9110, 14.8339, -44.6489
Hunter-Lab	39.9894, -15.3037, -7.4630

Details

The Hex color **327983** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **833C32**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **69AEB8**, and **004852** is the 20% darker color. If you saturate the color by 10%, you get **257783**, and if you desaturate by 10%, it is **3F7B83**.

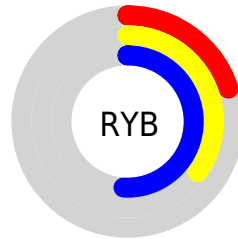
Distribution



Red (20%)

Green (47%)

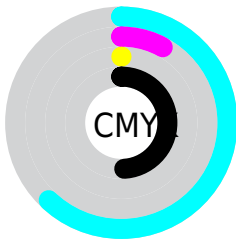
Blue (51%)



Red (20%)

Yellow (35%)

Blue (51%)

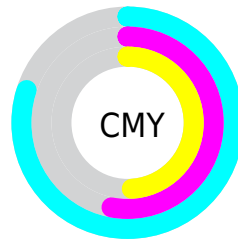


Cyan (62%)

Magenta (8%)

Yellow (0%)

Black (49%)



Cyan (80%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 327983 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 327983 by changing the saturation by 10% instead.

 327983

 327983

FFFFFF

 10606A

 69AEB8

 004852

 85C9D4

 00313B

 A0E5F0

 001D25

 BDFFFF

 000110

 D9FFFF

 000000

 F7FFFF

 327983

 327983

 257783

 3F7B83

■ 187683

■ 4C7C83

■ 0B7483

■ 597E83

■ 007383

■ 667F83

■ 738183

■ 818383

■ 8E8483

■ 9B8683

■ A88883

Harmonies

Analogous

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



3C7A70



327983



3F7690

Triad

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



327983



896481



7B6F4A

Complementary

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



327983



833C32

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.



8B684E



327983



94616E

Square

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



327983



746A8F



94635C



67744F

Rectangle

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



327983



507394



94635C



816D4A

Sweetspot

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



327983



8AA7AB



32833B



435457



D6D6D6



575757

Same Dimension

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



327983



2C9BAB



325183



3C4142



007282



000203

Inverse Universe

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



833279



AB2C9B



836432



423C41



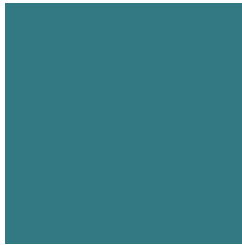
820072



030002

Previews

White Background



This preview shows how the Hex color 327983 looks on a white background.

Color Contrast Check

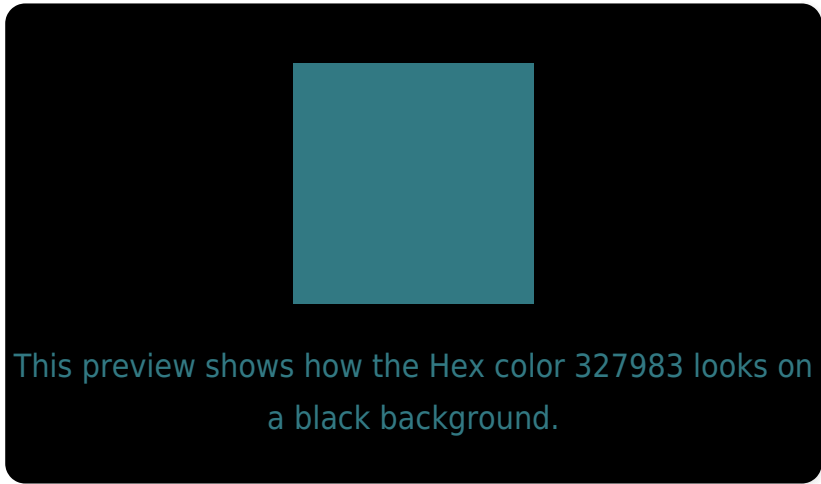
Large Text (above 18pt) WCAG AA ✓ Pass

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

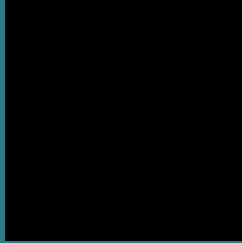
Any Text WCAG AA × Fail

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 327983 Background



This preview shows how black text looks on a background with the Hex color 327983.

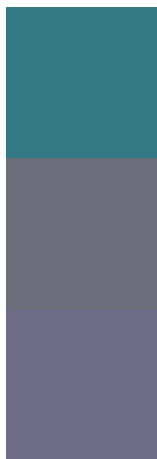


This preview shows how white text looks on a background with the Hex color 327983.

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



Original Color
327983

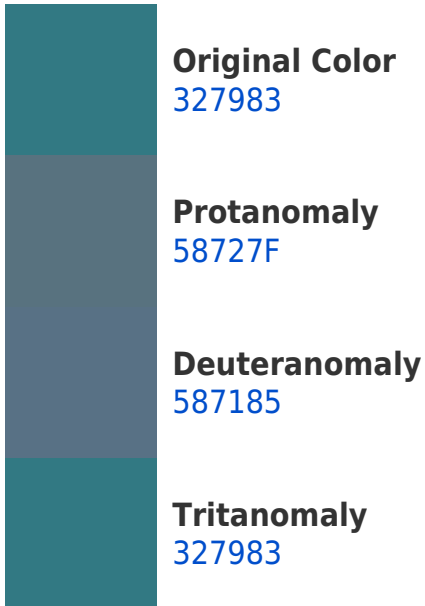
Protanopia
6D6E7C

Deuteranopia
6E6C86



Tritanopia
327983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 327983 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 #327983 looks like.

```
.text, #text, p{  
    color:#327983  
}
```

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 #327983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327983
}
```

Border

The CSS property to change the border of an element to Hex 327983 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
#327983 }
```

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

```
.border{ border-color:#327983 }
```

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

Here you see how a box with a 4 pixel #327983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327983; -webkit-box-shadow:4px 4px  
4px 4px #327983; box-shadow:4px 4px 4px  
4px #327983 }
```

Background

The CSS property to change the background color of an element to Hex 327983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327983 }
```

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

```
.background{ background-color:#327983 }
```

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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