

Converting Colors

Hex(328B71)

Have a look what the booklet for
Hex(328B71) contains.

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Color

Hex(328B71)

Conversions

Conversions Part 1

Format	Color
Hex	328B71
RGB	50, 139, 113
RGB Percent	20%, 55%, 44%
CMY	0.8039, 0.4549, 0.5569
CMYK	0.64, 0.00, 0.19, 0.45
HSL	162°, 47%, 37%
HSV	162°, 64%, 55%
XYZ	13.5286, 20.3356, 18.8349
YIQ	109.4250, -44.6980, -26.9540

Conversions

Conversions Part 2

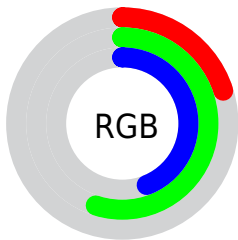
Format	Color
RYB	50, 102, 139
Decimal	3312497
CIELab	52.21, -32.97, 6.17
CIELCh	52, 33.540, 169.393
Yxy	20.3356, 0.2567, 0.3859
Android (android.graphics.Color)	4281502577 (0xFF328B71)
YUV	109.4250, 1.7625, -52.1157
Hunter-Lab	45.0950, -25.3657, 6.8027

Details

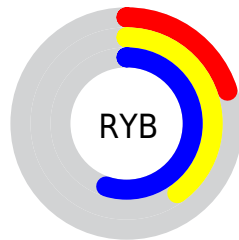
The Hex color **328B71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B324C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6AC1A5**, and **005841** is the 20% darker color. If you saturate the color by 10%, you get **248B6D**, and if you desaturate by 10%, it is **408B75**.

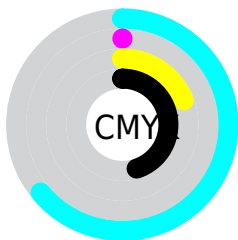
Distribution



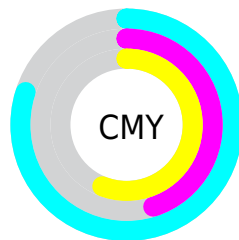
- Red (20%)
- Green (55%)
- Blue (44%)



- Red (20%)
- Yellow (40%)
- Blue (55%)



- Cyan (64%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (80%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 328B71 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 328B71 by changing the saturation by 10% instead.



328B71



328B71

FFFFFF



0D7159



6AC1A5



005841



86DDC0



00402B



A2FADC



002A17



BEFFF8



000F00



DBFFFF



000000



F9FFFF



328B71



328B71



248B6D



408B75

 168B69

 4E8B79

 088B65

 5C8B7D

 008B62

 6A8B81

 778B85

 858B89

 938B8D

 A18B91

 AF8B96

Harmonies

Analogous

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



5B8756



328B71



008C8F

Triad

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



328B71



7079B3



AC6D52

Complementary

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



328B71



8B324C

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.



B4666B



328B71



966EA2

Square

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



328B71



3B82B5



AD6788



987744

Rectangle

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



328B71



008AA0



AD6788



B06A59

Sweetspot

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



328B71



93B5AB



4D8B32



475C56



DBDBDB



5C5C5C

Same Dimension

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



328B71



2AB58C



32798B



3E4543



00855E



000504

Inverse Universe

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



8B324C



B52A52



8B4432



453E40



850027



050001

Previews

White Background



This preview shows how the Hex color 328B71 looks on a white background.

Color Contrast Check

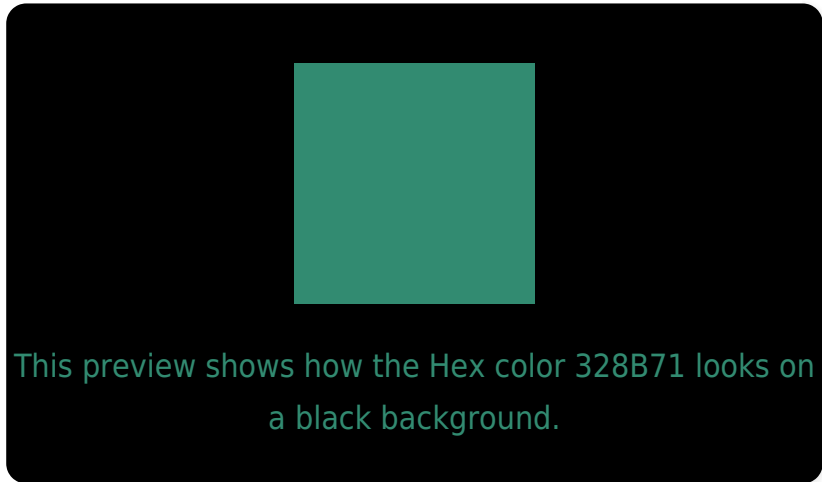
Large Text (above 18pt) WCAG AA ✓ Pass

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

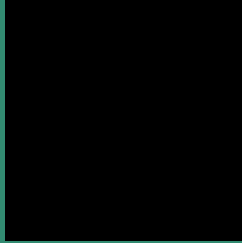
Any Text WCAG AA ✓ Pass

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 328B71 Background



This preview shows how black text looks on a background with the Hex color 328B71.

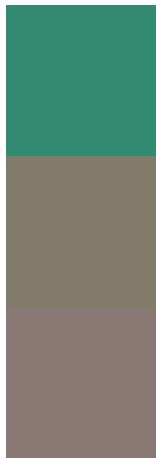


This preview shows how white text looks on a background with the Hex color 328B71.

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
328B71

Protanopia
827B69

Deuteranopia
8A7875



Tritanopia
3F8791

Trichromacy



Original Color
328B71

Protanomaly
65816C

Deuteranomaly
6A7F74

Tritanomaly
3A8885

Monochromacy



Original Color
328B71

Achromatopsia
6D6D6D

Achromatomaly
58786E

CSS Examples

Text

The CSS property to change the color of the text to Hex 328B71 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 #328B71 looks like.

```
.text, #text, p{  
    color:#328B71  
}
```

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 #328B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328B71
}
```

Border

The CSS property to change the border of an element to Hex 328B71 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
#328B71 }
```

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

```
.border{ border-color:#328B71 }
```

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

Here you see how a box with a 4 pixel #328B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328B71; -webkit-box-shadow:4px 4px  
4px 4px #328B71; box-shadow:4px 4px 4px  
4px #328B71 }
```

Background

The CSS property to change the background color of an element to Hex 328B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328B71 }
```

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

```
.background{ background-color:#328B71 }
```

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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