

Converting Colors

Hex(328366)

Have a look what the booklet for
Hex(328366) contains.

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Color

Hex(328366)

Conversions

Conversions Part 1

Format	Color
Hex	328366
RGB	50, 131, 102
RGB Percent	20%, 51%, 40%
CMY	0.8039, 0.4863, 0.6000
CMYK	0.62, 0.00, 0.22, 0.49
HSL	159°, 45%, 35%
HSV	159°, 62%, 51%
XYZ	11.8300, 17.8700, 15.3961
YIQ	103.4750, -38.9670, -26.1910

Conversions

Conversions Part 2

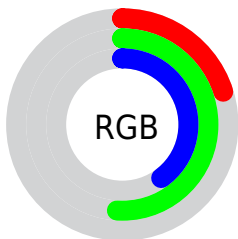
Format	Color
RYB	50, 99, 131
Decimal	3310438
CIELab	49.34, -31.99, 8.46
CIELCh	49, 33.086, 165.191
Yxy	17.8700, 0.2623, 0.3963
Android (android.graphics.Color)	4281500518 (0xFF328366)
YUV	103.4750, -0.7272, -46.8976
Hunter-Lab	42.2729, -24.0249, 7.9972

Details

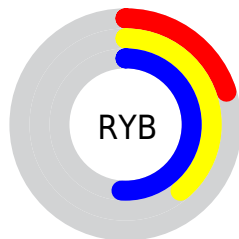
The Hex color **328366** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **83324F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **69B999**, and **005137** is the 20% darker color. If you saturate the color by 10%, you get **258361**, and if you desaturate by 10%, it is **3F836B**.

Distribution



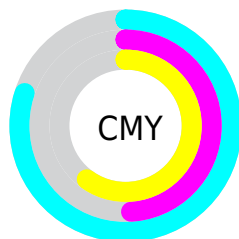
- Red (20%)
- Green (51%)
- Blue (40%)



- Red (20%)
- Yellow (39%)
- Blue (51%)



- Cyan (62%)
- Magenta (0%)
- Yellow (22%)
- Black (49%)



- Cyan (80%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Hex color 328366 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 328366 by changing the saturation by 10% instead.

 328366

 328366

FFFFFF

 11694E

 69B999

 005137

 84D4B4

 003922

 9FF1CF

 00240C

 BCF FEC

 000000

 D8FFFF

 F5FFFF

 328366

 328366

 258361

 3F836B

■ 18835D

■ 4C836F

■ 0B8358

■ 598374

■ 008354

■ 668379

■ 73837D

■ 818382

■ 8E8387

■ 9B838C

■ A88390

Harmonies

Analogous

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



597F4D



328366



008483

Triad

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



328366



6273AB



A5654F

Complementary

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



328366



83324F

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.



AB5F68



328366



8A699D

Square

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



328366



297CAB



A36084



936F3F

Rectangle

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



328366



008395



A36084



A96256

Sweetspot

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



328366



8AAB9F



508332



435750



D6D6D6



575757

Same Dimension

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



328366



2CAB7E



327883



3C4240



008253



000302

Inverse Universe

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



83324F



AB2C5A



833D32



423C3E



82002F



030001

Previews

White Background



This preview shows how the Hex color 328366 looks on a white background.

Color Contrast Check

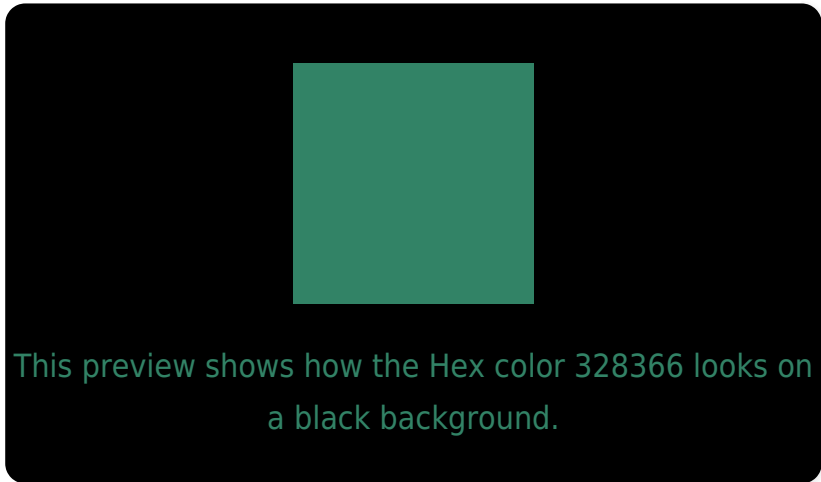
Large Text (above 18pt) WCAG AA ✓ Pass

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

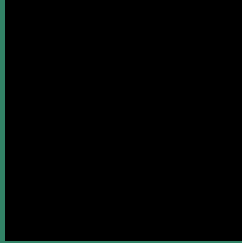
Any Text WCAG AA ✓ Pass

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 328366 Background



This preview shows how black text looks on a background with the Hex color 328366.

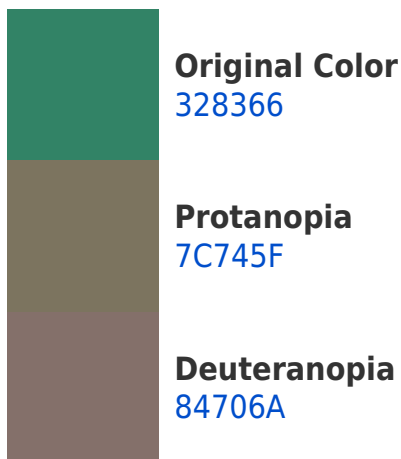


This preview shows how white text looks on a background with the Hex color 328366.

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](#).

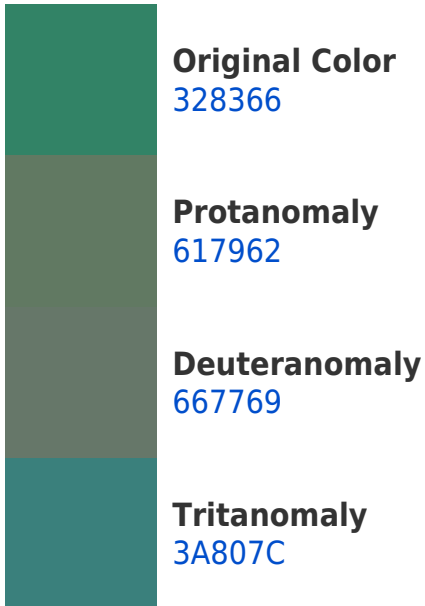
Dichromacy



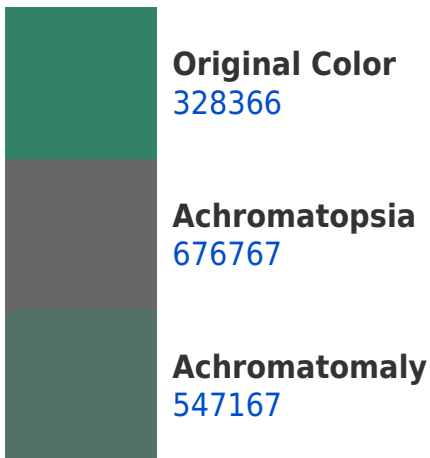


Tritanopia
3F7E89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 328366 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 #328366 looks like.

```
.text, #text, p{  
    color:#328366  
}
```

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 #328366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328366
}
```

Border

The CSS property to change the border of an element to Hex 328366 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
#328366 }
```

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

```
.border{ border-color:#328366 }
```

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

Here you see how a box with a 4 pixel #328366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328366; -webkit-box-shadow:4px 4px  
4px 4px #328366; box-shadow:4px 4px 4px  
4px #328366 }
```

Background

The CSS property to change the background color of an element to Hex 328366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328366 }
```

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

```
.background{ background-color:#328366 }
```

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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