

Converting Colors

Hex(328739)

Have a look what the booklet for
Hex(328739) contains.

Hex(328739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(328739)

Conversions

Conversions Part 1

Format	Color
Hex	328739
RGB	50, 135, 57
RGB Percent	20%, 53%, 22%
CMY	0.8039, 0.4706, 0.7765
CMYK	0.63, 0.00, 0.58, 0.47
HSL	125°, 46%, 36%
HSV	125°, 63%, 53%
XYZ	10.7179, 18.3015, 6.8385
YIQ	100.6930, -25.6220, -42.2780

Conversions

Conversions Part 2

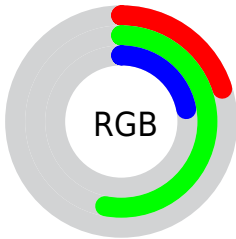
Format	Color
RYB	50, 129, 135
Decimal	3311417
CIELab	49.86, -42.32, 34.05
CIELCh	50, 54.316, 141.177
Yxy	18.3015, 0.2989, 0.5104
Android (android.graphics.Color)	4281501497 (0xFF328739)
YUV	100.6930, -21.5406, -44.4578
Hunter-Lab	42.7802, -30.1451, 20.4685

Details

The Hex color **328739** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **873280**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6ABD6A**, and **005407** is the 20% darker color. If you saturate the color by 10%, you get **25872D**, and if you desaturate by 10%, it is **3F8745**.

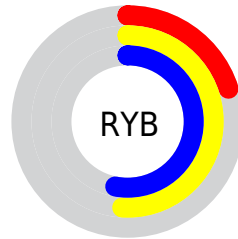
Distribution



Red (20%)

Green (53%)

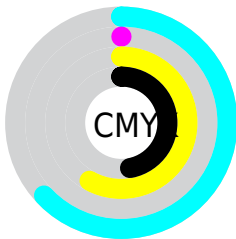
Blue (22%)



Red (20%)

Yellow (51%)

Blue (53%)

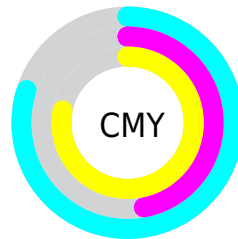


Cyan (63%)

Magenta (0%)

Yellow (58%)

Black (47%)



Cyan (80%)

Magenta (47%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 328739 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 328739 by changing the saturation by 10% instead.



328739



328739

FFFFFF



0E6D21



6ABD6A



005407



85D984



003C00



A1F69F



002700



BEFFBA



000000



DAFFD6



F8FFF3



328739



328739



25872D



3F8745

■ 178720

■ 4D8752

■ 0A8714

■ 5B875E

■ 00870B

■ 68876B

■ 768777

■ 838783

■ 918790

■ 9E879C

■ AC87A8

Harmonies

Analogous

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



6E7E13



328739



008B67

Triad

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



328739



0080D2



C94C58

Complementary

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



328739



873280

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.



C34B86



328739



5C70CD

Square

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



328739



0089BE



A15BB1



B95D2F

Rectangle

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



328739



008C87



A15BB1



CA4967

Sweetspot

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



328739



8FB091



818732



455946



D9D9D9



595959

Same Dimension

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



328739



2AB035



328762



3C423C



00820B



000300

Inverse Universe

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



873280



B02AA5



873257



423C42



820077



030002

Previews

White Background



This preview shows how the Hex color 328739 looks on a white background.

Color Contrast Check

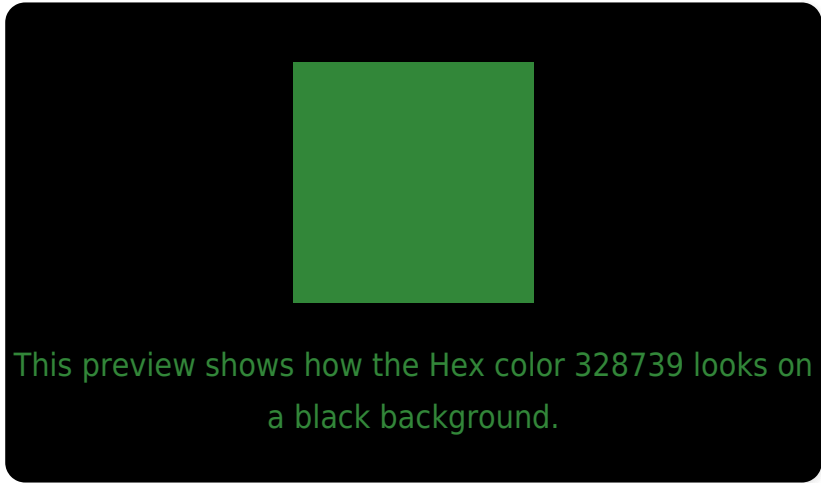
Large Text (above 18pt) WCAG AA ✓ Pass

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

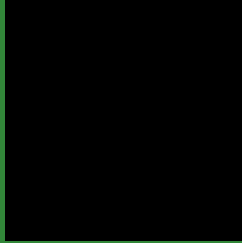
Any Text WCAG AA ✓ Pass

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 328739 Background



This preview shows how black text looks on a background with the Hex color 328739.



This preview shows how white text looks on a background with the Hex color 328739.

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
328739

Protanopia
837634

Deuteranopia
90703F



Tritanopia
477F89

Trichromacy



Original Color
328739

Protanomaly
667C36

Deuteranomaly
6E783D

Tritanomaly
3F826C

Monochromacy



Original Color
328739

Achromatopsia
656565

Achromatomaly
527155

CSS Examples

Text

The CSS property to change the color of the text to Hex 328739 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 #328739 looks like.

```
.text, #text, p{  
    color:#328739  
}
```

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 #328739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328739
}
```

Border

The CSS property to change the border of an element to Hex 328739 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
#328739 }
```

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

```
.border{ border-color:#328739 }
```

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

Here you see how a box with a 4 pixel #328739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328739; -webkit-box-shadow:4px 4px  
4px 4px #328739; box-shadow:4px 4px 4px  
4px #328739 }
```

Background

The CSS property to change the background color of an element to Hex 328739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328739 }
```

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

```
.background{ background-color:#328739 }
```

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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