

Converting Colors

Hex(328A45)

Have a look what the booklet for
Hex(328A45) contains.

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Color

Hex(328A45)

Conversions

Conversions Part 1

Format	Color
Hex	328A45
RGB	50, 138, 69
RGB Percent	20%, 54%, 27%
CMY	0.8039, 0.4588, 0.7294
CMYK	0.64, 0.00, 0.50, 0.46
HSL	133°, 47%, 37%
HSV	133°, 64%, 54%
XYZ	11.4780, 19.2847, 8.7476
YIQ	103.8220, -30.2990, -40.1150

Conversions

Conversions Part 2

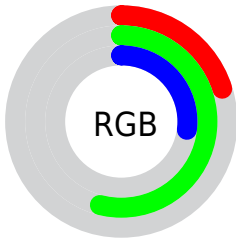
Format	Color
RYB	50, 122, 138
Decimal	3312197
CIELab	51.02, -41.73, 29.25
CIELCh	51, 50.962, 144.973
Yxy	19.2847, 0.2905, 0.4881
Android (android.graphics.Color)	4281502277 (0xFF328A45)
YUV	103.8220, -17.1672, -47.2019
Hunter-Lab	43.9144, -30.1951, 18.9297

Details

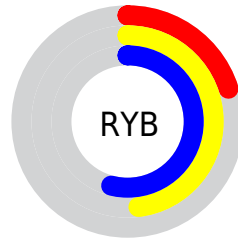
The Hex color **328A45** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A3277**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6AC077**, and **005716** is the 20% darker color. If you saturate the color by 10%, you get **248A3A**, and if you desaturate by 10%, it is **408A50**.

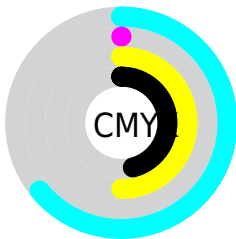
Distribution



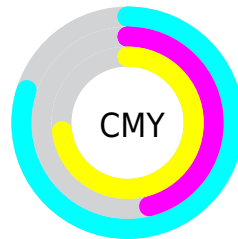
- Red (20%)
- Green (54%)
- Blue (27%)



- Red (20%)
- Yellow (48%)
- Blue (54%)



- Cyan (64%)
- Magenta (0%)
- Yellow (50%)
- Black (46%)



- Cyan (80%)
- Magenta (46%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 328A45 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 328A45 by changing the saturation by 10% instead.

 328A45

 328A45

FFFFFF

 0E702D

 6AC077

 005716

 86DC91

 003F00

 A1F9AB

 002900

 BEFFC7

 000700

 DBFFE3

 000000

 F8FFFF

 328A45

 328A45

 248A3A

 408A50

■ 168A2F

■ 4E8A5B

■ 098A25

■ 5B8A65

■ 008A1E

■ 698A70

■ 778A7B

■ 858A86

■ 938A91

■ A08A9C

■ AE8AA6

Harmonies

Analogous

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



6D8223



328A45



008E70

Triad

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



328A45



0081D0



C75457

Complementary

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



328A45



8A3277

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.



C45183



328A45



6D71C9

Square

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



328A45



008AC0



A75EAC



B66432

Rectangle

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



328A45



008E8F



A75EAC



C95165

Sweetspot

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



328A45



91B398



788A32



455949



D9D9D9



595959

Same Dimension

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



328A45



29B347



328A70



3E453F



00851D



000501

Inverse Universe

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



8A3277



B32995



8A324C



453E43



850068



050004

Previews

White Background



This preview shows how the Hex color 328A45 looks on a white background.

Color Contrast Check

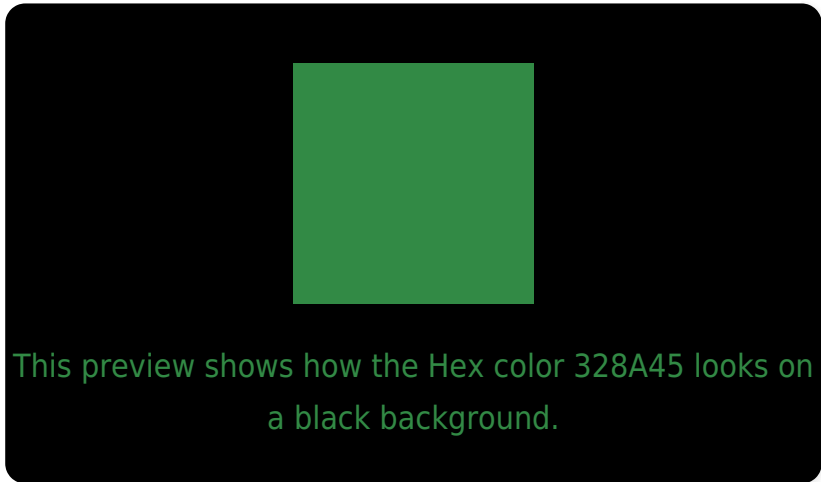
Large Text (above 18pt) WCAG AA ✓ Pass

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 328A45 Background



This preview shows how black text looks on a background with the Hex color 328A45.



This preview shows how white text looks on a background with the Hex color 328A45.

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
328A45

Protanopia
85793F

Deuteranopia
92734B



Tritanopia
47828D

Trichromacy



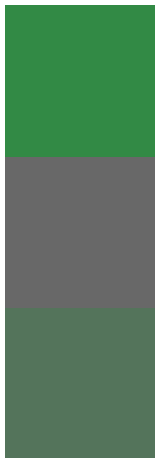
Original Color
328A45

Protanomaly
677F41

Deuteranomaly
6F7B49

Tritanomaly
3F8573

Monochromacy



Original Color
328A45

Achromatopsia
686868

Achromatomaly
54745B

CSS Examples

Text

The CSS property to change the color of the text to Hex 328A45 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 #328A45 looks like.

```
.text, #text, p{  
    color:#328A45  
}
```

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 #328A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328A45
}
```

Border

The CSS property to change the border of an element to Hex 328A45 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
#328A45 }
```

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

```
.border{ border-color:#328A45 }
```

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

Here you see how a box with a 4 pixel #328A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328A45; -webkit-box-shadow:4px 4px  
4px 4px #328A45; box-shadow:4px 4px 4px  
4px #328A45 }
```

Background

The CSS property to change the background color of an element to Hex 328A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328A45 }
```

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

```
.background{ background-color:#328A45 }
```

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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