

# Converting Colors

Hex(328B30)

Have a look what the booklet for  
Hex(328B30) contains.

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**Color**

**Hex(328B30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	328B30
RGB	50, 139, 48
RGB Percent	20%, 55%, 19%
CMY	0.8039, 0.4549, 0.8118
CMYK	0.64, 0.00, 0.65, 0.45
HSL	119°, 49%, 37%
HSV	119°, 65%, 55%
XYZ	11.0815, 19.3567, 5.9485
YIQ	102.0150, -23.8330, -47.1690

# Conversions

## Conversions Part 2

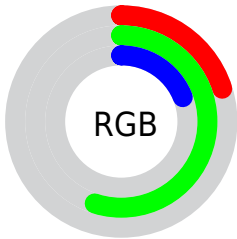
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 139, 137
Decimal	3312432
CIELab	51.10, -44.97, 39.80
CIElCh	51, 60.056, 138.487
Yxy	19.3567, 0.3045, 0.5320
Android (android.graphics.Color)	4281502512 (0xFF328B30)
YUV	102.0150, -26.6294, -45.6172
Hunter-Lab	43.9963, -32.0341, 22.7812

# Details

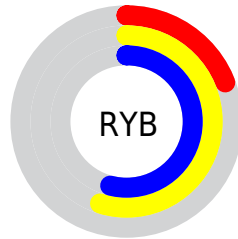
The Hex color **328B30** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **89308B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6BC162**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **248B22**, and if you desaturate by 10%, it is **408B3E**.

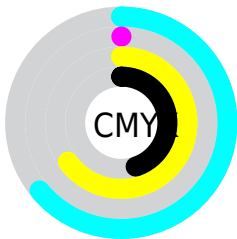
# Distribution



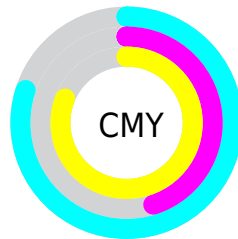
- Red (20%)
- Green (55%)
- Blue (19%)



- Red (19%)
- Yellow (55%)
- Blue (54%)



- Cyan (64%)
- Magenta (0%)
- Yellow (65%)
- Black (45%)



- Cyan (80%)
- Magenta (45%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 328B30 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 328B30 by changing the saturation by 10% instead.



 328B30

 328B30

FFFFFF

 0C7116

 6BC162

 005800

 87DE7C

 003F00

 A3FB97

 002A00

 C0FFB2

 000800

 DDFECE

 000000

 FAFEEA

 328B30

 328B30

 248B22

 408B3E

 178B14

 4D8B4C

 098B06

 5B8B5A

 038B00

 688B68

 768B76

 848B83

 918B91

 9F8B9F

 AC8BAD

# Harmonies

## Analogous

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



748100



328B30



009064

# Triad

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



328B30



0085DF



D5475C

# Complementary

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



328B30



89308B

# 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.



CB4890



328B30



4D75DC

# Square

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



328B30



008EC6



A35DBE



C55A2D

# Rectangle

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



328B30



009187



A35DBE



D5446D



# Sweetspot

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



328B30



92B591



8B8830



465C46



DBDBDB



5C5C5C



# Same Dimension

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



328B30



29B526



308B5A



3E453E



038500



000500



# Inverse Universe

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



89308B



B226B5



8B3061



453E45



820085



050005



# Previews

## White Background



This preview shows how the Hex color 328B30 looks on a white background.

## Color Contrast Check

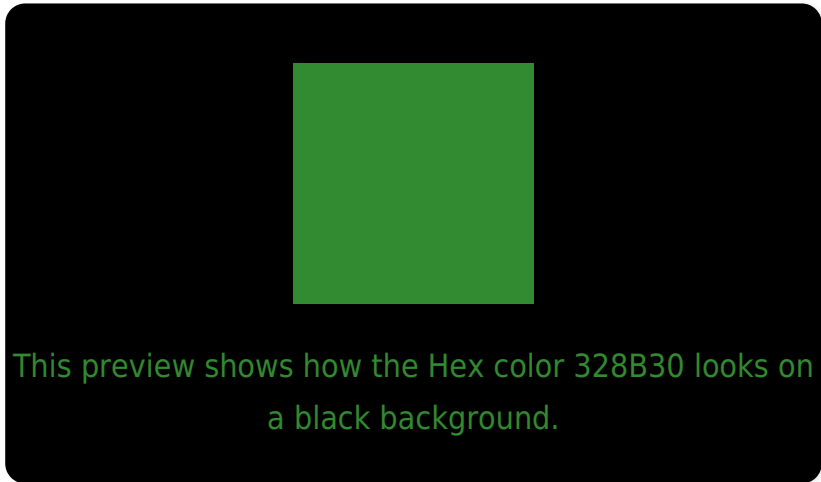
Large Text (above 18pt) WCAG AA ✓ Pass

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

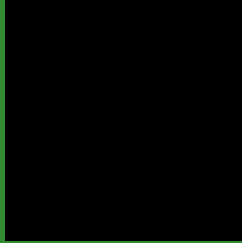
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 328B30 Background



This preview shows how black text looks on a background with the Hex color 328B30.



This preview shows how white text looks on a background with the Hex color 328B30.

# 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**  
328B30

**Protanopia**  
87792B

**Deuteranopia**  
967338



**Tritanopia**  
49828D

# Trichromacy



**Original Color**  
328B30

**Protanomaly**  
68802D

**Deuteranomaly**  
727C35

**Tritanomaly**  
41856B

# Monochromacy



**Original Color**  
328B30

**Achromatopsia**  
666666

**Achromatomaly**  
537352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 328B30 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 #328B30 looks like.

```
.text, #text, p{  
    color:#328B30  
}
```

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 #328B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328B30
}
```

## Border

The CSS property to change the border of an element to Hex 328B30 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
#328B30 }
```

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

```
.border{ border-color:#328B30 }
```

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

Here you see how a box with a 4 pixel #328B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328B30; -webkit-box-shadow:4px 4px  
4px 4px #328B30; box-shadow:4px 4px 4px  
4px #328B30 }
```

# Background

The CSS property to change the background color of an element to Hex 328B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328B30 }
```

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

```
.background{ background-color:#328B30 }
```

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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