

Converting Colors

Hex(308B00)

Have a look what the booklet for
Hex(308B00) contains.

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Color

Hex(308B00)

Conversions

Conversions Part 1

Format	Color
Hex	308B00
RGB	48, 139, 0
RGB Percent	19%, 55%, 0%
CMY	0.8118, 0.4549, 1.0000
CMYK	0.65, 0.00, 1.00, 0.45
HSL	99°, 100%, 27%
HSV	99°, 100%, 55%
XYZ	10.4515, 19.0936, 3.1346
YIQ	95.9450, -9.6170, -62.5210

Conversions

Conversions Part 2

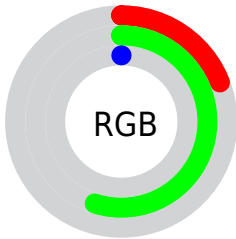
Format	Color
RYB	0, 139, 91
Decimal	3181312
CIELab	50.80, -48.37, 53.87
CIELCh	51, 72.401, 131.923
Yxy	19.0936, 0.3198, 0.5843
Android (android.graphics.Color)	4281371392 (0xFF308B00)
YUV	95.9450, -47.3009, -42.0478
Hunter-Lab	43.6962, -33.7737, 26.3342

Details

The Hex color **308B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5B008B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6BC143**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **308B00**, and if you desaturate by 10%, it is **398B0E**.

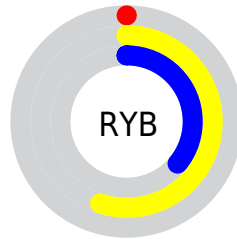
Distribution



Red (19%)

Green (55%)

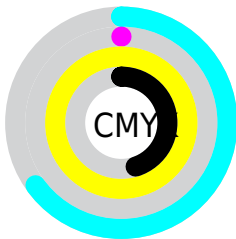
Blue (0%)



Red (0%)

Yellow (55%)

Blue (36%)

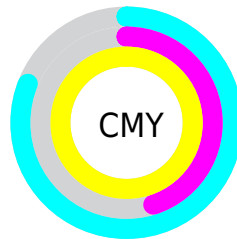


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (81%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 308B00 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 308B00 by changing the saturation by 10% instead.

 308B00

 308B00

FFFFFF

 027100

 6BC143

 005800

 88DE5D

 003F00

 A4FB78

 002A00

 C1FF93

 000500

 DFFFAF

 000000

 FCFFCB

 FFFFE8

 308B00

 398B0E

 428B1C

 4B8B2A

 548B38

 5E8B46

 678B53

 708B61

 798B6F

 828B7D

Harmonies

Analogous

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



7C7E00



308B00



009150

Triad

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



308B00



008AEF



E42B63

Complementary

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



308B00



5B008B

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.



D337A1



308B00



0079F3

Square

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



308B00



0092CB



985BD6



D64828

Rectangle

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



308B00



00937B



985BD6



E22978

Sweetspot

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



308B00



91B57F



8B5A00



465C3B



DBDBDB



5C5C5C

Same Dimension

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



308B00



3FB500



008B15



40453E



2E8500



020500

Inverse Universe

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



5B008B



7700B5



8B0076



423E45



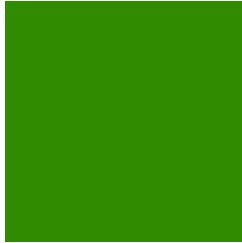
570085



030005

Previews

White Background



This preview shows how the Hex color 308B00 looks on a white background.

Color Contrast Check

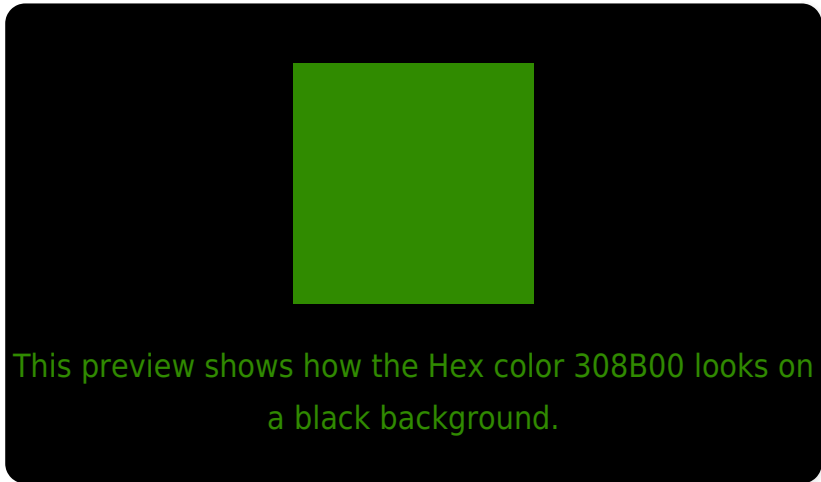
Large Text (above 18pt) WCAG AA ✓ Pass

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

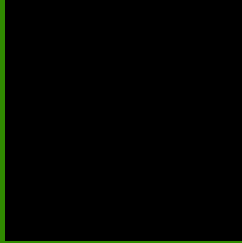
Any Text WCAG AA ✓ Pass

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 308B00 Background



This preview shows how black text looks on a background with the Hex color 308B00.




This preview shows how white text looks on a background with the Hex color 308B00.

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
49818C

Trichromacy



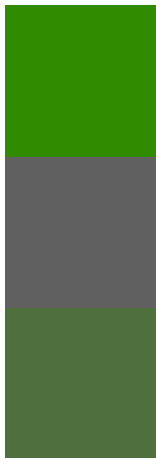
Original Color
308B00

Protanomaly
688000

Deuteranomaly
727B12

Tritanomaly
408559

Monochromacy



Original Color
308B00

Achromatopsia
606060

Achromatomaly
4F703D

CSS Examples

Text

The CSS property to change the color of the text to Hex 308B00 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 #308B00 looks like.

```
.text, #text, p{  
    color:#308B00  
}
```

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 #308B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #308B00
}
```

Border

The CSS property to change the border of an element to Hex 308B00 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
#308B00 }
```

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

```
.border{ border-color:#308B00 }
```

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

Here you see how a box with a 4 pixel #308B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #308B00; -webkit-box-shadow:4px 4px  
4px 4px #308B00; box-shadow:4px 4px 4px  
4px #308B00 }
```

Background

The CSS property to change the background color of an element to Hex 308B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#308B00 }
```

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

```
.background{ background-color:#308B00 }
```

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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