

Converting Colors

Hex(328C00)

Have a look what the booklet for
Hex(328C00) contains.

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Color

Hex(328C00)

Conversions

Conversions Part 1

Format	Color
Hex	328C00
RGB	50, 140, 0
RGB Percent	20%, 55%, 0%
CMY	0.8039, 0.4510, 1.0000
CMYK	0.64, 0.00, 1.00, 0.45
HSL	99°, 100%, 27%
HSV	99°, 100%, 55%
XYZ	10.6935, 19.4343, 3.1876
YIQ	97.1300, -8.7000, -62.6200

Conversions

Conversions Part 2

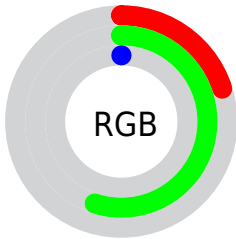
Format	Color
RYB	0, 140, 90
Decimal	3312640
CIELab	51.19, -48.24, 54.21
CIELCh	51, 72.564, 131.667
Yxy	19.4343, 0.3210, 0.5833
Android (android.graphics.Color)	4281502720 (0xFF328C00)
YUV	97.1300, -47.8851, -41.3330
Hunter-Lab	44.0843, -33.8491, 26.5720

Details

The Hex color **328C00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5A008C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6DC343**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **328C00**, and if you desaturate by 10%, it is **3B8C0E**.

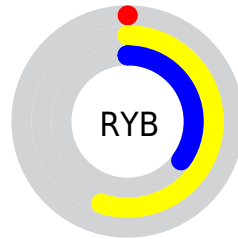
Distribution



Red (20%)

Green (55%)

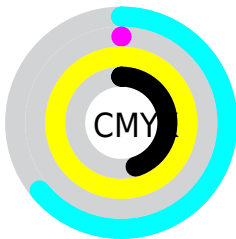
Blue (0%)



Red (0%)

Yellow (55%)

Blue (35%)

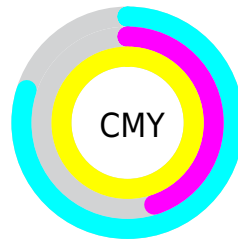


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (80%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 328C00 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 328C00 by changing the saturation by 10% instead.

 328C00

 328C00

FFFFFF

 067200

 6DC343

 005900

 89DF5E

 004000

 A6FC79

 002B00

 C3FF94

 000800

 E0FFAF

 000000

 FEFFCC

 FFFF E9

 328C00

 3B8C0E

 448C1C

 4D8C2A

 568C38

 5F8C46

 688C54

 718C62

 7A8C70

 838C7E

Harmonies

Analogous

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



7E7F00



328C00



009350

Triad

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



328C00



008CF0



E52C65

Complementary

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



328C00



5A008C

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.



D438A2



328C00



007AF5

Square

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



328C00



0093CC



995CD8



D74929

Rectangle

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



328C00



00957C



995CD8



E32A79

Sweetspot

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



328C00



92B57F



8C5900



475C3B



DBDBDB



5C5C5C

Same Dimension

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



328C00



41B500



008C13



40453E



2F8500



020500

Inverse Universe

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



5A008C



7400B5



8C0079



423E45



550085



030005

Previews

White Background



This preview shows how the Hex color 328C00 looks on a white background.

Color Contrast Check

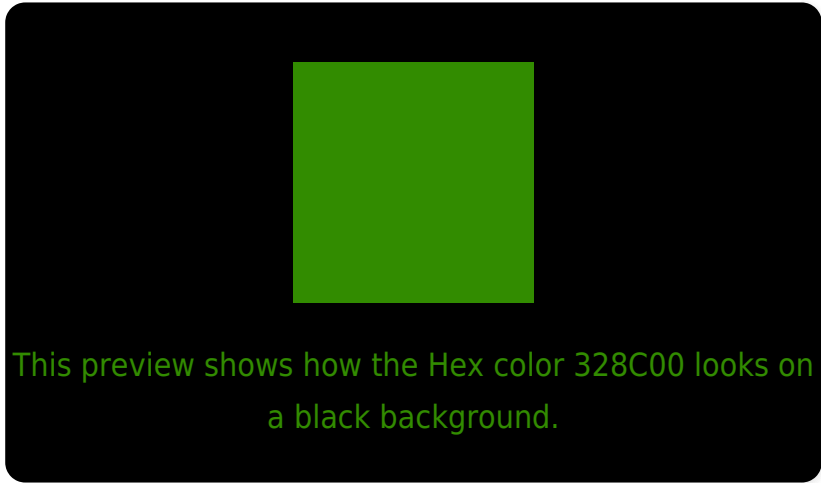
Large Text (above 18pt) WCAG AA ✓ Pass

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 328C00 Background



This preview shows how black text looks on a background with the Hex color 328C00.



This preview shows how white text looks on a background with the Hex color 328C00.

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
328C00

Protanopia
897A00

Deuteranopia
99731E



Tritanopia
4B828D

Trichromacy



Original Color
328C00

Protanomaly
698100

Deuteranomaly
747C13

Tritanomaly
42865A

Monochromacy



Original Color
328C00

Achromatopsia
616161

Achromatomaly
50713E

CSS Examples

Text

The CSS property to change the color of the text to Hex 328C00 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 #328C00 looks like.

```
.text, #text, p{  
    color:#328C00  
}
```

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 #328C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328C00
}
```

Border

The CSS property to change the border of an element to Hex 328C00 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
#328C00 }
```

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

```
.border{ border-color:#328C00 }
```

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

Here you see how a box with a 4 pixel #328C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328C00; -webkit-box-shadow:4px 4px  
4px 4px #328C00; box-shadow:4px 4px 4px  
4px #328C00 }
```

Background

The CSS property to change the background color of an element to Hex 328C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328C00 }
```

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

```
.background{ background-color:#328C00 }
```

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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