

# Converting Colors

Hex(322F00)

Have a look what the booklet for  
Hex(322F00) contains.

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**Color**

**Hex(322F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	322F00
RGB	50, 47, 0
RGB Percent	20%, 18%, 0%
CMY	0.8039, 0.8157, 1.0000
CMYK	0.00, 0.06, 1.00, 0.80
HSL	56°, 100%, 10%
HSV	56°, 100%, 20%
XYZ	2.3319, 2.7111, 0.4004
YIQ	42.5390, 16.8750, -13.9810

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 50, 0
Decimal	3288832
CIE <sub>Lab</sub>	18.85, -4.92, 26.77
CIE <sub>LCh</sub>	19, 27.217, 100.412
Yxy	2.7111, 0.4284, 0.4981
Android (android.graphics.Color)	4281478912 (0xFF322F00)
YUV	42.5390, -20.9717, 6.5433
Hunter-Lab	16.4655, -3.5349, 10.0841

# Details

The Hex color **322F00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000332**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **625D2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **322F00**, and if you desaturate by 10%, it is **322F05**.

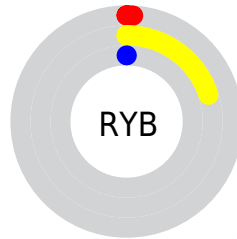
# Distribution



Red (20%)

Green (18%)

Blue (0%)



Red (1%)

Yellow (20%)

Blue (0%)

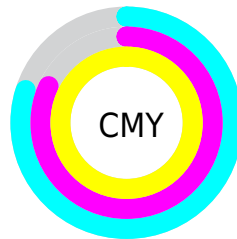


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 322F00 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 322F00 by changing the saturation by 10% instead.



 322F00

 322F00

 FFFFE4

 1B1A00

 625D2F

 000000

 7C7546

 968F5E

 B1A977

 CDC491

 E9E0AC

 FFFDC7

 322F00

■ 322F05

■ 32300A

■ 32300F

■ 323014

■ 323119

■ 32311E

■ 323123

■ 323128

■ 32322D

# Harmonies

## Analogous

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



432804



322F00



1C340D

# Triad

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



322F00



003647



4B1E3C

# Complementary

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



322F00



000332

# 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.



38264C



322F00



003453

# Square

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



322F00



003734



122E55



521B28

# Rectangle

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



322F00



043619



122E55



462042



# Sweetspot

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



322F00



403F2D



320003



212015



A1A1A1



212121



# Same Dimension

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



322F00



403C00



1C3200



1A1917



595400



D9CC00



# Inverse Universe

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



000332



000440



160032



17171A



000559



000DD9



# Previews

## White Background



This preview shows how the Hex color 322F00 looks on a white background.

## Color Contrast Check

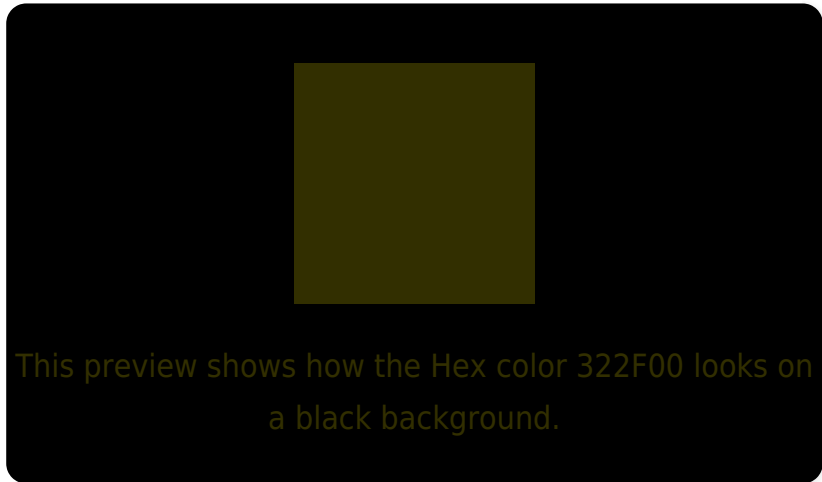
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

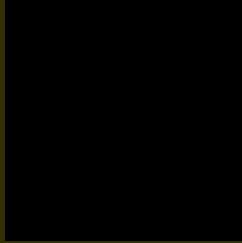
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 322F00 Background



This preview shows how black text looks on a background with the Hex color 322F00.



This preview shows how white text looks on a background with the Hex color 322F00.

# 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**  
322F00

**Protanopia**  
342E00

**Deuteranopia**  
3A2C07



**Tritanopia**  
352C2F

# Trichromacy



**Original Color**  
322F00

**Protanomaly**  
332E00

**Deuteranomaly**  
372D04

**Tritanomaly**  
342D1E

# Monochromacy



**Original Color**  
322F00

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
2E2C1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 322F00 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 #322F00 looks like.

```
.text, #text, p{  
    color:#322F00  
}
```

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 #322F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322F00
}
```

## Border

The CSS property to change the border of an element to Hex 322F00 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
#322F00 }
```

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

```
.border{ border-color:#322F00 }
```

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

Here you see how a box with a 4 pixel #322F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322F00; -webkit-box-shadow:4px 4px  
4px 4px #322F00; box-shadow:4px 4px 4px  
4px #322F00 }
```

# Background

The CSS property to change the background color of an element to Hex 322F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322F00 }
```

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

```
.background{ background-color:#322F00 }
```

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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