

Converting Colors

Hex(322306)

Have a look what the booklet for
Hex(322306) contains.

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Color

Hex(322306)

Conversions

Conversions Part 1

Format	Color
Hex	322306
RGB	50, 35, 6
RGB Percent	20%, 14%, 2%
CMY	0.8039, 0.8627, 0.9765
CMYK	0.00, 0.30, 0.88, 0.80
HSL	40°, 79%, 11%
HSV	40°, 88%, 20%
XYZ	1.9493, 1.8933, 0.4350
YIQ	36.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

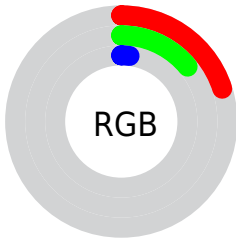
Format	Color
RYB	29, 50, 6
Decimal	3285766
CIELab	14.92, 3.60, 19.50
CIELCh	15, 19.826, 79.543
Yxy	1.8933, 0.4557, 0.4426
Android (android.graphics.Color)	4281475846 (0xFF322306)
YUV	36.1790, -14.8782, 12.1210
Hunter-Lab	13.7598, 1.2077, 7.7575

Details

The Hex color **322306** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **061532**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **624F33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **322101**, and if you desaturate by 10%, it is **32250B**.

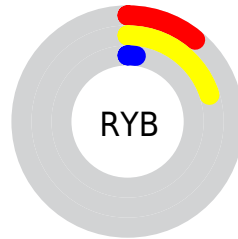
Distribution



Red (20%)

Green (14%)

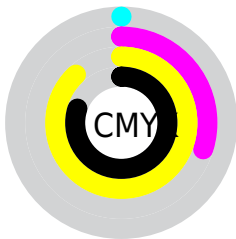
Blue (2%)



Red (11%)

Yellow (20%)

Blue (2%)

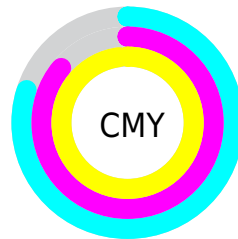


Cyan (0%)

Magenta (30%)

Yellow (88%)

Black (80%)



Cyan (80%)

Magenta (86%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322306 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 322306 by changing the saturation by 10% instead.

 322306

 322306

 FFFFE7

 1B0E00

 624F33

 000000

 7B674A

 968062

 B19A7B

 CDB595

 E9D1B0

 FFEDCB

 322306

 322306

■ 322101

■ 32250B

■ 322100

■ 322610

■ 322815

■ 322A1A

■ 322C1F

■ 322D24

■ 322F29

■ 32312E

■ 323233

Harmonies

Analogous

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



3B1E10



322306



252807

Triad

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



322306



002C2E



321E38

Complementary

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



322306



061532

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.



1E2440



322306



002B3A

Square

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



322306



002C20



002841



3D1A2B

Rectangle

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



322306



1A2A0F



002841



2C203B

Sweetspot

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



322306



403A2F



320615



211E17



A1A1A1



212121

Same Dimension

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



322306



402A00



2B3206



1A1917



593B00



D98F00

Inverse Universe

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



061532



001640



0D0632



17181A



001E59



004AD9

Previews

White Background



This preview shows how the Hex color 322306 looks on a white background.

Color Contrast Check

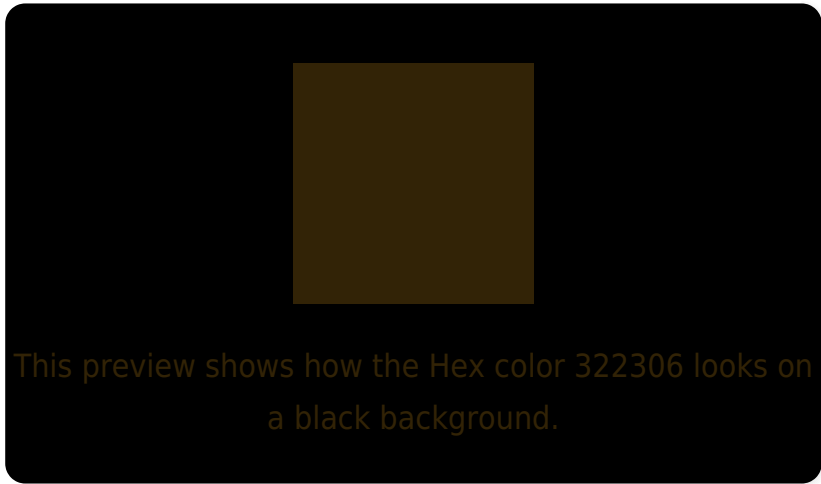
Large Text (above 18pt) WCAG AA ✓ Pass

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

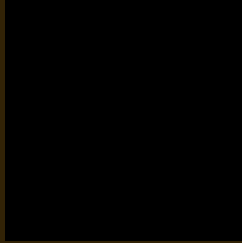
Any Text WCAG AA × Fail

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 322306 Background



This preview shows how black text looks on a background with the Hex color 322306.

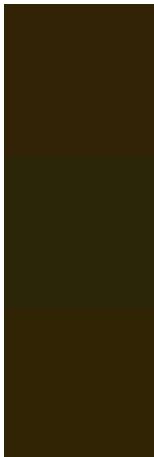


This preview shows how white text looks on a background with the Hex color 322306.

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
322306

Protanopia
2B2607

Deuteranopia
302405



Tritanopia
342123

Trichromacy



Original Color
322306

Protanomaly
2E2507

Deuteranomaly
312405

Tritanomaly
332218

Monochromacy



Original Color
322306

Achromatopsia
242424

Achromatomaly
292419

CSS Examples

Text

The CSS property to change the color of the text to Hex 322306 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 #322306 looks like.

```
.text, #text, p{  
    color:#322306  
}
```

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 #322306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322306
}
```

Border

The CSS property to change the border of an element to Hex 322306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

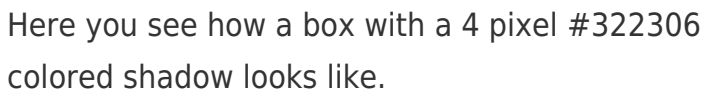
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#322306 }
```

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

```
.border{ border-color:#322306 }
```

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



Here you see how a box with a 4 pixel #322306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322306; -webkit-box-shadow:4px 4px  
4px 4px #322306; box-shadow:4px 4px 4px  
4px #322306 }
```

Background

The CSS property to change the background color of an element to Hex 322306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322306 }
```

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

```
.background{ background-color:#322306 }
```

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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