

Converting Colors

Hex(322101)

Have a look what the booklet for
Hex(322101) contains.

Hex(322101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(322101)

Conversions

Conversions Part 1

Format	Color
Hex	322101
RGB	50, 33, 1
RGB Percent	20%, 13%, 0%
CMY	0.8039, 0.8706, 0.9961
CMYK	0.00, 0.34, 0.98, 0.80
HSL	39°, 96%, 10%
HSV	39°, 98%, 20%
XYZ	1.8647, 1.7680, 0.2717
YIQ	34.4350, 20.4040, -6.3480

Conversions

Conversions Part 2

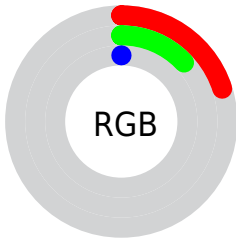
Format	Color
R_{YB}	27, 50, 1
Decimal	3285249
CIE Lab	14.22, 4.60, 20.63
CIE LCh	14, 21.136, 77.437
Yxy	1.7680, 0.4776, 0.4528
Android (android.graphics.Color)	4281475329 (0xFF322101)
YUV	34.4350, -16.4835, 13.6505
Hunter-Lab	13.2967, 1.7637, 8.0962

Details

The Hex color **322101** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **011232**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **624D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **322100**, and if you desaturate by 10%, it is **322306**.

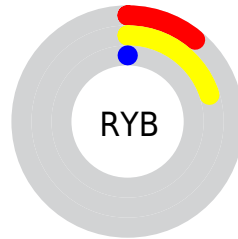
Distribution



Red (20%)

Green (13%)

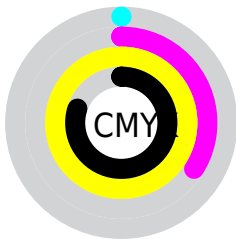
Blue (0%)



Red (11%)

Yellow (20%)

Blue (0%)

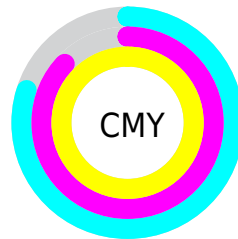


Cyan (0%)

Magenta (34%)

Yellow (98%)

Black (80%)



Cyan (80%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322101 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 322101 by changing the saturation by 10% instead.

 322101

 322101

 FFFFE3

 1B0B00

 624D30

 000000

 7C6546

 967E5E

 B19877

 CDB291

 EACEAC

 FFEAC7

 322101

 322101

■ 322100

■ 322306

■ 32240B

■ 322610

■ 322815

■ 322A1A

■ 322B1F

■ 322D24

■ 322F29

■ 32312E

Harmonies

Analogous

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



3B1B0E



322101



252601

Triad

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



322101



002B2C



301D38

Complementary

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



322101



011232

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.



192340



322101



002A3A

Square

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



322101



002B1D



002741



3C182B

Rectangle

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



322101



192809



002741



2A1F3C

Sweetspot

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



322101



40392D



320112



211D16



A1A1A1



212121

Same Dimension

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



322101



402A00



2B3201



1A1917



593A00



D98E00

Inverse Universe

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



011232



001640



080132



17181A



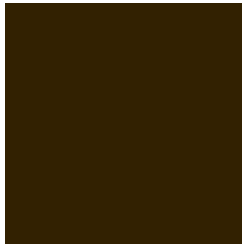
001F59



004BD9

Previews

White Background



This preview shows how the Hex color 322101 looks on a white background.

Color Contrast Check

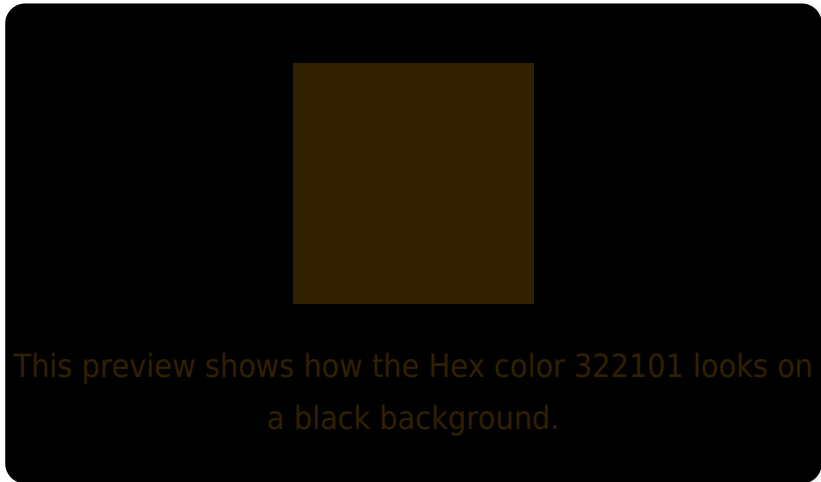
Large Text (above 18pt) WCAG AA ✓ Pass

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

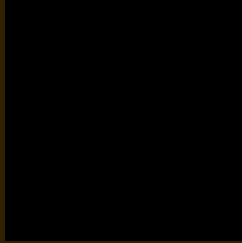
Any Text WCAG AA × Fail

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 322101 Background



This preview shows how black text looks on a background with the Hex color 322101.

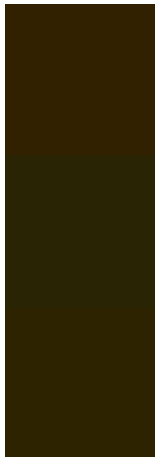


This preview shows how white text looks on a background with the Hex color 322101.

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
322101

Protanopia
292504

Deuteranopia
2E2300



Tritanopia
331F21

Trichromacy



Original Color
322101

Protanomaly
2C2403

Deuteranomaly
2F2200

Tritanomaly
332015

Monochromacy



Original Color
322101

Achromatopsia
222222

Achromatomaly
282216

CSS Examples

Text

The CSS property to change the color of the text to Hex 322101 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 #322101 looks like.

```
.text, #text, p{  
    color:#322101  
}
```

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 #322101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322101
}
```

Border

The CSS property to change the border of an element to Hex 322101 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".

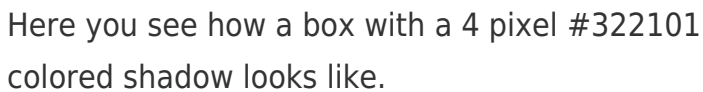
```
.border, #border, table{ border:4px solid
#322101 }
```

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

```
.border{ border-color:#322101 }
```

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

Here you see how a box with a 4 pixel #322101 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322101; -webkit-box-shadow:4px 4px  
4px 4px #322101; box-shadow:4px 4px 4px  
4px #322101 }
```

Background

The CSS property to change the background color of an element to Hex 322101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322101 }
```

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

```
.background{ background-color:#322101 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor