

Converting Colors

Hex(330A02)

Have a look what the booklet for
Hex(330A02) contains.

Hex(330A02)	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(330A02)

Conversions

Conversions Part 1

Format	Color
Hex	330A02
RGB	51, 10, 2
RGB Percent	20%, 4%, 1%
CMY	0.8000, 0.9608, 0.9922
CMYK	0.00, 0.80, 0.96, 0.80
HSL	10°, 92%, 10%
HSV	10°, 96%, 20%
XYZ	1.4847, 0.9253, 0.1578
YIQ	21.3470, 27.0040, 6.2040

Conversions

Conversions Part 2

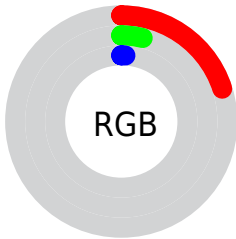
Format	Color
RYB	51, 12, 2
Decimal	3344898
CIELab	8.35, 20.02, 12.14
CIElCh	8, 23.416, 31.241
Yxy	0.9253, 0.5782, 0.3603
Android (android.graphics.Color)	4281534978 (0xFF330A02)
YUV	21.3470, -9.5381, 26.0057
Hunter-Lab	9.6191, 10.7186, 5.7609

Details

The Hex color **330A02** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **022B33**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **643631**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330800**, and if you desaturate by 10%, it is **330E07**.

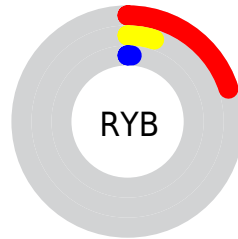
Distribution



Red (20%)

Green (4%)

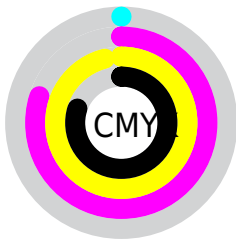
Blue (1%)



Red (20%)

Yellow (5%)

Blue (1%)

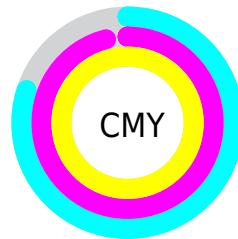


Cyan (0%)

Magenta (80%)

Yellow (96%)

Black (80%)



Cyan (80%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330A02 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 330A02 by changing the saturation by 10% instead.

 330A02

 330A02

 FFECE4

 1A0001

 643631

 000000

 7E4D48

 99665F

 B57F78

 D19992

 EEB4AC

 FFD0C8

 330A02

 330A02

■ 330800

■ 330E07

■ 33130C

■ 331711

■ 331B16

■ 331F1C

■ 332421

■ 332826

■ 332C2B

■ 333030

Harmonies

Analogous

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



330718



330A02



2B1100

Triad

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



330A02



001F02



001A37

Complementary

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



330A02



022B33

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.



001E33



330A02



002018

Square

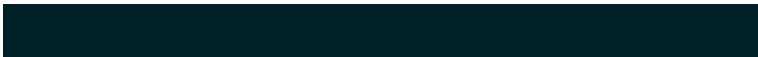
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



330A02



0F1C00



002028



181433

Rectangle

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



330A02



241600



002028



001B37

Sweetspot

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



330A02



42322F



33022C



211716



A1A1A1



212121

Same Dimension

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



330A02



420B00



332202



1A1717



590F00



D92300

Inverse Universe

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



022B33



003742



021333



17191A



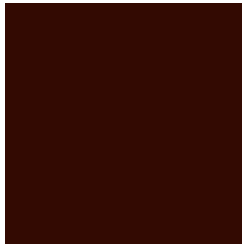
004B59



00B5D9

Previews

White Background



This preview shows how the Hex color 330A02 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

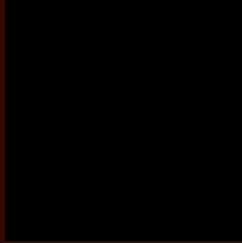
Any Text WCAG AA × Fail

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 330A02 Background



This preview shows how black text looks on a background with the Hex color 330A02.

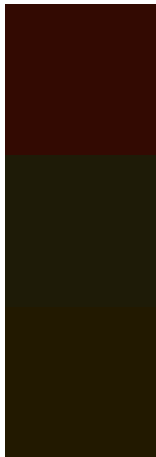


This preview shows how white text looks on a background with the Hex color 330A02.

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
330A02

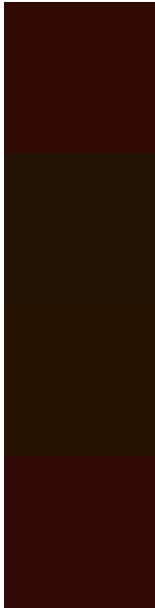
Protanopia
1E1B07

Deuteranopia
221900



Tritanopia
330909

Trichromacy



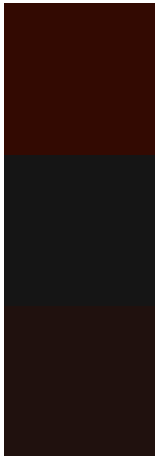
Original Color
330A02

Protanomaly
261505

Deuteranomaly
281401

Tritanomaly
330906

Monochromacy



Original Color
330A02

Achromatopsia
151515

Achromatomaly
20110E

CSS Examples

Text

The CSS property to change the color of the text to Hex 330A02 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 #330A02 looks like.

```
.text, #text, p{  
    color:#330A02  
}
```

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 #330A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330A02
}
```

Border

The CSS property to change the border of an element to Hex 330A02 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".

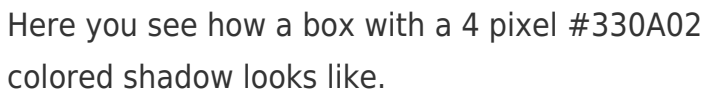
```
.border, #border, table{ border:4px solid
#330A02 }
```

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

```
.border{ border-color:#330A02 }
```

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

Here you see how a box with a 4 pixel #330A02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330A02; -webkit-box-shadow:4px 4px  
4px 4px #330A02; box-shadow:4px 4px 4px  
4px #330A02 }
```

Background

The CSS property to change the background color of an element to Hex 330A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330A02 }
```

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

```
.background{ background-color:#330A02 }
```

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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