Converting Colors

Hex(330100)

Have a look what the booklet for Hex(330100) contains.

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Color

Hex(330100)

Conversions

Conversions Part 1

Format	Color
Hex	330100
RGB	51, 1, 0
RGB Percent	20%, 0%, 0%
CMY	0.8000, 0.9961, 1.0000
CMYK	0.00, 0.98, 1.00, 0.80
HSL	1°, 100%, 10%
HSV	1°, 100%, 20%
XYZ	1.3761, 0.7255, 0.0675
YIQ	15.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

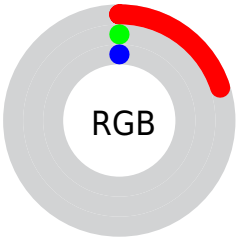
Format	Color
RYB	51, 1, 0
Decimal	3342592
CIELab	6.55, 24.65, 10.33
CIELCh	7, 26.728, 22.744
Yxy	0.7255, 0.6344, 0.3345
Android (android.graphics.Color)	4281532672 (0xFF330100)
YUV	15.8360, -7.8071, 30.8388
Hunter-Lab	8.5177, 13.9319, 5.4925

Details

The Hex color 330100 is a dark color, and the websafe version is hex 330000. A complement of this color would be 003233, and the grayscale version is 101010.

A 20% lighter version of the original color is 652E30, and 000000 is the 20% darker color. If you saturate the color by 10%, you get 330100, and if you desaturate by 10%, it is 330605.

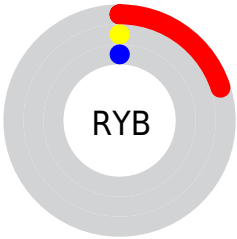
Distribution



Red (20%)

Green (0%)

Blue (0%)



Red (20%)

Yellow (0%)

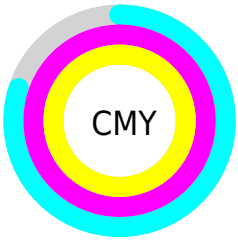
Blue (0%)

Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330100 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 330100 by changing the saturation by 10% instead.

330100

FFE4E2

652E30

7F4647

9A5E5E

B67777

D29190

EFACAB

FFC7C6

330100

330100

150000

000000

330100

330605

330B0A

33100F

331514

331A1A

331F1F

332424

332929

332E2E

Harmonies

Analogous

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

31001A

330100

2C0900

Triad

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

330100

001D00

001838

Complementary

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

330100

003233

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.

001D30

330100

001F0E

Square

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

330100

0A1800

001F22

071235

Rectangle

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

330100

241000

001F22

001A36

Sweetspot

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

330100

422F2E

330032

211515

A1A1A1

212121

Same Dimension

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

330100

420100

331A00

1A1717

590200

D90400

Inverse Universe

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

003233

004142

001933

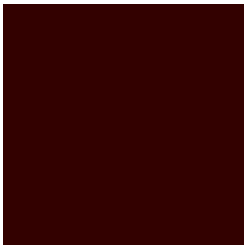
17191A

005859

00D5D9

Previews

White Background

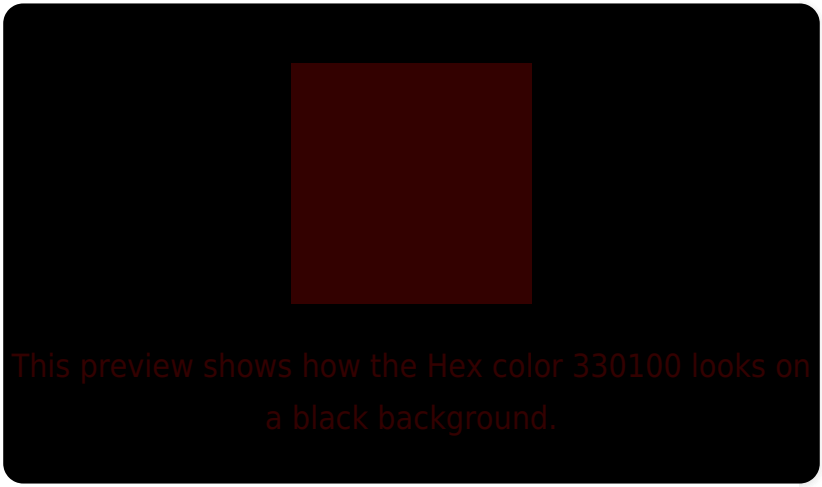


This preview shows how the Hex color 330100 looks on a white background.

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

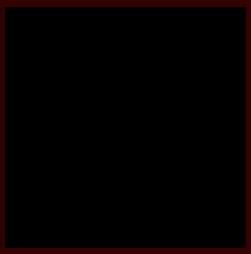


Color Contrast Check

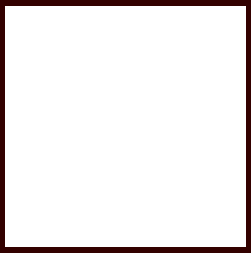
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 330100 Background



This preview shows how black text looks on a background with the Hex color 330100.



This preview shows how white text looks on a background with the Hex color 330100.

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

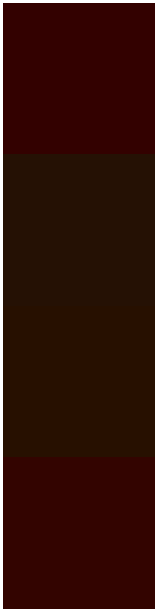
Original Color
330100

Protanopia
1D1A07

Deuteranopia
201800

Tritanopia
330500

Trichromacy



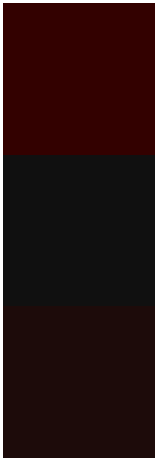
Original Color
330100

Protanomaly
251104

Deuteranomaly
271000

Tritanomaly
330400

Monochromacy



Original Color
330100

Achromatopsia
101010

Achromatomaly
1D0B0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 330100 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 #330100 looks like.

```
.text, #text, p{
    color:#330100
}
```

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 #330100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330100
}
```

Border

The CSS property to change the border of an element to Hex 330100 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
#330100 }
```

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

```
.border{ border-color:#330100 }
```

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

Here you see how a box with a 4 pixel #330100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #330100; -webkit-box-shadow:4px 4px 4px 4px #330100; box-shadow:4px 4px 4px 4px #330100 }
```

Background

The CSS property to change the background color of an element to Hex 330100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#330100 }
```

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

```
.background{ background-color:#330100 }
```

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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