

Converting Colors

Hex(330E22)

Have a look what the booklet for
Hex(330E22) contains.

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Color

Hex(330E22)

Conversions

Conversions Part 1

Format	Color
Hex	330E22
RGB	51, 14, 34
RGB Percent	20%, 5%, 13%
CMY	0.8000, 0.9451, 0.8667
CMYK	0.00, 0.73, 0.33, 0.80
HSL	328°, 57%, 13%
HSV	328°, 73%, 20%
XYZ	1.8110, 1.1334, 1.6367
YIQ	27.3430, 15.6320, 14.0640

Conversions

Conversions Part 2

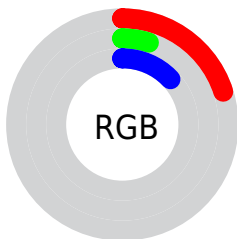
Format	Color
R_{YB}	51, 14, 34
Decimal	3345954
CIE Lab	10.06, 21.23, -4.43
CIE LCh	10, 21.692, 348.205
Yxy	1.1334, 0.3953, 0.2474
Android (android.graphics.Color)	4281536034 (0xFF330E22)
YUV	27.3430, 3.2819, 20.7472
Hunter-Lab	10.6460, 11.7344, -1.6629

Details

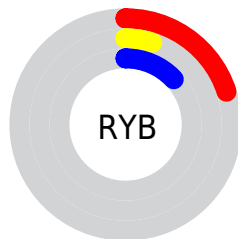
The Hex color **330E22** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E331F**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **633A4E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330920**, and if you desaturate by 10%, it is **331324**.

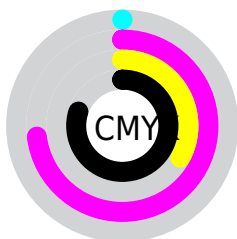
Distribution



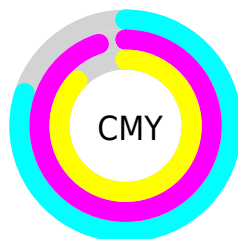
- Red (20%)
- Green (5%)
- Blue (13%)



- Red (20%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (73%)
- Yellow (33%)
- Black (80%)



- Cyan (80%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330E22 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 330E22 by changing the saturation by 10% instead.

 330E22

 330E22

 FFF1FF

 21000C

 633A4E

 000000

 7D5266

 976A7F

 B28499

 CE9EB4

 EAB9CF

 FFD5EC

 330E22

 330E22

■ 330920

■ 331324

■ 33041D

■ 331827

■ 33001C

■ 331D29

■ 33222B

■ 33282E

■ 332D30

■ 333232

■ 333735

■ 333C37

Harmonies

Analogous

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



27142F



330E22



360E13

Triad

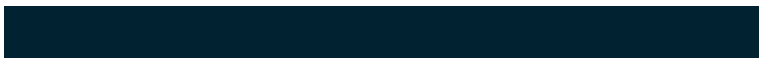
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330E22



1C1D00



002231

Complementary

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



330E22



0E331F

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.



002324



330E22



0A2101

Square

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



330E22



291900



002315



001F38

Rectangle

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



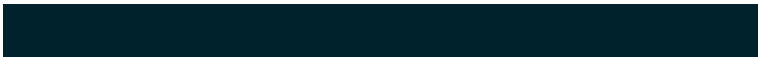
330E22



341105



002315



00222D

Sweetspot

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



330E22



42343C



1F0E33



21191D



A1A1A1



212121

Same Dimension

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



330E22



420928



330E10



1A1718



590030



D90075

Inverse Universe

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



330E22



420928



0E3331



1A1718



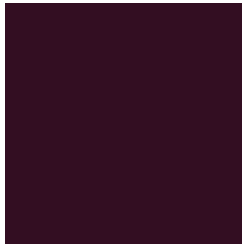
590030



D90075

Previews

White Background



This preview shows how the Hex color 330E22 looks on a white background.

Color Contrast Check

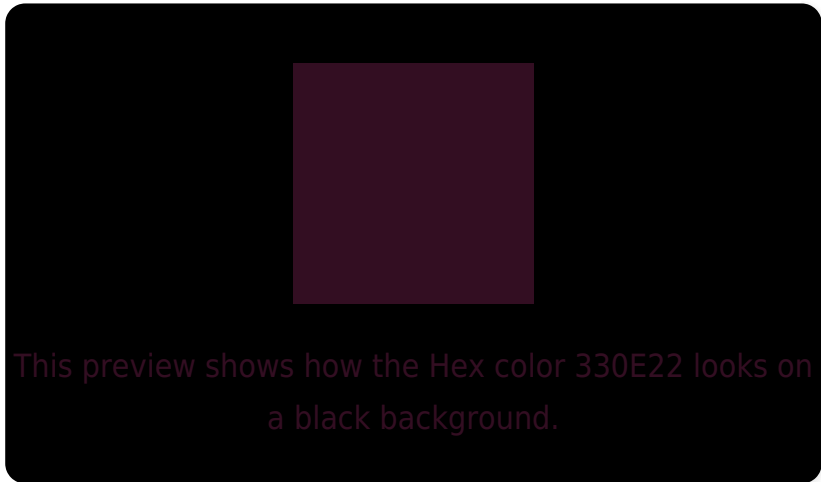
Large Text (above 18pt) WCAG AA ✓ Pass

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

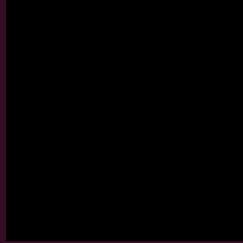
Any Text WCAG AA × Fail

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 330E22 Background



This preview shows how black text looks on a background with the Hex color 330E22.



This preview shows how white text looks on a background with the Hex color 330E22.

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
330E22

Protanopia
181D2C

Deuteranopia
1F1C20



Tritanopia
321213

Trichromacy



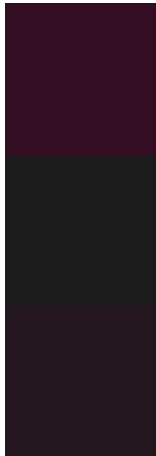
Original Color
330E22

Protanomaly
221828

Deuteranomaly
261721

Tritanomaly
321118

Monochromacy



Original Color
330E22

Achromatopsia
1B1B1B

Achromatomaly
24161E

CSS Examples

Text

The CSS property to change the color of the text to Hex 330E22 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 #330E22 looks like.

```
.text, #text, p{  
    color:#330E22  
}
```

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 #330E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330E22  
}
```

Border

The CSS property to change the border of an element to Hex 330E22 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".

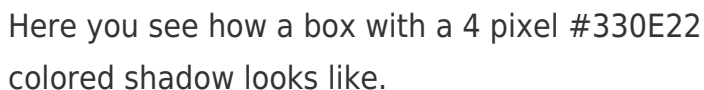
```
.border, #border, table{ border:4px solid  
#330E22 }
```

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

```
.border{ border-color:#330E22 }
```

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

Here you see how a box with a 4 pixel #330E22 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue shadow that extends to the right and downwards, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330E22; -webkit-box-shadow:4px 4px  
4px 4px #330E22; box-shadow:4px 4px 4px  
4px #330E22 }
```

Background

The CSS property to change the background color of an element to Hex 330E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330E22 }
```

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

```
.background{ background-color:#330E22 }
```

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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