

Converting Colors

Hex(21330E)

Have a look what the booklet for
Hex(21330E) contains.

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Color

Hex(21330E)

Conversions

Conversions Part 1

Format	Color
Hex	21330E
RGB	33, 51, 14
RGB Percent	13%, 20%, 5%
CMY	0.8706, 0.8000, 0.9451
CMYK	0.35, 0.00, 0.73, 0.80
HSL	89°, 57%, 13%
HSV	89°, 73%, 20%
XYZ	1.8903, 2.7227, 0.8414
YIQ	41.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

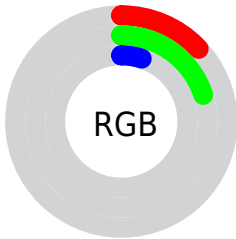
Format	Color
RYB	14, 51, 32
Decimal	2175758
CIELab	18.90, -14.95, 20.55
CIELCh	19, 25.411, 126.043
Yxy	2.7227, 0.3466, 0.4992
Android (android.graphics.Color)	4280365838 (0xFF21330E)
YUV	41.4000, -13.5082, -7.3668
Hunter-Lab	16.5006, -8.4272, 8.5272

Details

The Hex color **21330E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **200E33**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4F6239**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F3309**, and if you desaturate by 10%, it is **233313**.

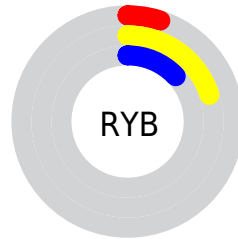
Distribution



Red (13%)

Green (20%)

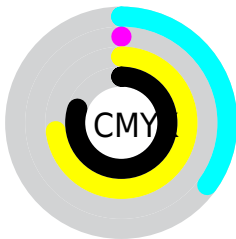
Blue (5%)



Red (5%)

Yellow (20%)

Blue (13%)

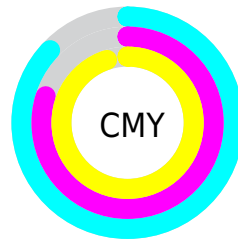


Cyan (35%)

Magenta (0%)

Yellow (73%)

Black (80%)



Cyan (87%)


Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21330E 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 21330E by changing the saturation by 10% instead.

 21330E

 21330E

 FFFFF0

 0B1E00

 4F6239

 000000

 677A51

 819469


 9BAF82

 B6CA9D

 D2E6B8

 EEFFD3

 21330E

 21330E

■ 1F3309

■ 233313

■ 1C3304

■ 263318

■ 1A3300

■ 28331D

■ 2B3322

■ 2D3328

■ 30332D

■ 323332

■ 353337

■ 37333C

Harmonies

Analogous

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



352E04



21330E



01361E

Triad

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



21330E



00344F



4F1D2B

Complementary

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



21330E



200E33

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.



47203D



21330E



0E2F53

Square

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



21330E



003643



34274C



4D2019

Rectangle

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



21330E



00372B



34274C



4E1D31

Sweetspot

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



21330E



3B4234



33200E



1D2119



A1A1A1



212121

Same Dimension

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



21330E



264209



0F330E



181A17



2E5900



6FD900

Inverse Universe

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



200E33



250942



320E33



18171A



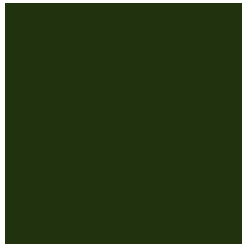
2B0059



6900D9

Previews

White Background



This preview shows how the Hex color 21330E looks on a white background.

Color Contrast Check

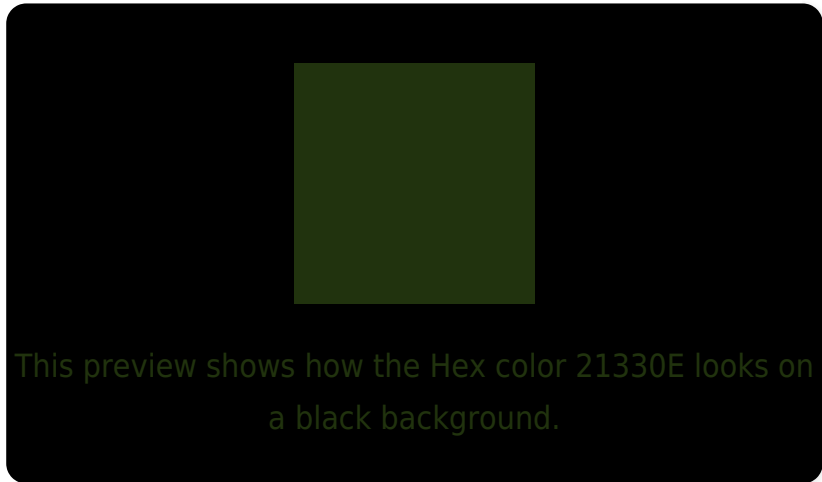
Large Text (above 18pt) WCAG AA ✓ Pass

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

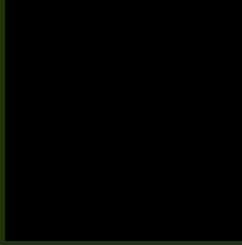
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

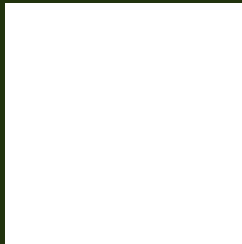
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 21330E Background



This preview shows how black text looks on a background with the Hex color 21330E.



This preview shows how white text looks on a background with the Hex color 21330E.

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](#).

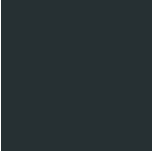
Dichromacy



Original Color
21330E

Protanopia
342E0D

Deuteranopia
392C11



Tritanopia
263033

Trichromacy



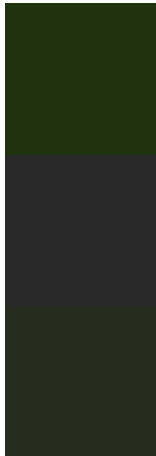
Original Color
21330E

Protanomaly
2D300D

Deuteranomaly
302F10

Tritanomaly
243126

Monochromacy



Original Color
21330E

Achromatopsia
292929

Achromatomaly
262D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 21330E 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 #21330E looks like.

```
.text, #text, p{  
    color:#21330E  
}
```

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 #21330E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21330E
}
```

Border

The CSS property to change the border of an element to Hex 21330E is called "border". The border property can be set on classes, ids or directly on the HTML element.

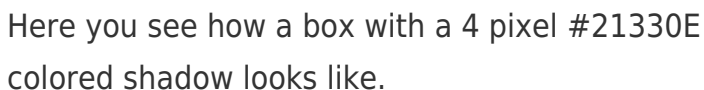
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21330E }
```

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

```
.border{ border-color:#21330E }
```

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



Here you see how a box with a 4 pixel #21330E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21330E; -webkit-box-shadow:4px 4px  
4px 4px #21330E; box-shadow:4px 4px 4px  
4px #21330E }
```

Background

The CSS property to change the background color of an element to Hex 21330E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21330E }
```

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

```
.background{ background-color:#21330E }
```

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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