

Converting Colors

Hex(21300B)

Have a look what the booklet for
Hex(21300B) contains.

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Color

Hex(21300B)

Conversions

Conversions Part 1

Format	Color
Hex	21300B
RGB	33, 48, 11
RGB Percent	13%, 19%, 4%
CMY	0.8706, 0.8118, 0.9569
CMYK	0.31, 0.00, 0.77, 0.81
HSL	84°, 63%, 12%
HSV	84°, 77%, 19%
XYZ	1.7446, 2.4614, 0.6998
YIQ	39.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

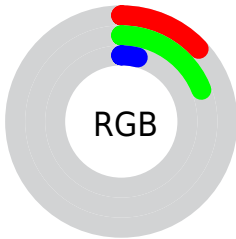
Format	Color
RYB	11, 48, 26
Decimal	2174987
CIELab	17.74, -13.55, 20.58
CIELCh	18, 24.644, 123.362
Yxy	2.4614, 0.3556, 0.5017
Android (android.graphics.Color)	4280365067 (0xFF21300B)
YUV	39.2970, -13.9504, -5.5225
Hunter-Lab	15.6888, -7.6068, 8.3377

Details

The Hex color **21300B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A0B30**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4F5E37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F3006**, and if you desaturate by 10%, it is **233010**.

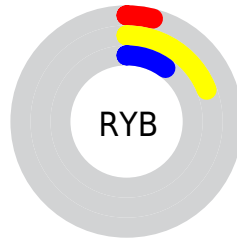
Distribution



Red (13%)

Green (19%)

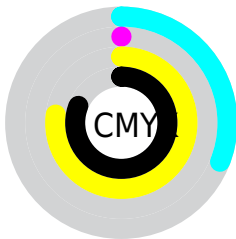
Blue (4%)



Red (4%)

Yellow (19%)

Blue (10%)

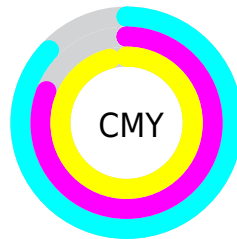


Cyan (31%)

Magenta (0%)

Yellow (77%)

Black (81%)



Cyan (87%)


Magenta (81%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21300B 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 21300B by changing the saturation by 10% instead.

 21300B

 21300B

 FFFFEC

 081C00

 4F5E37

 000000

 67774E

 809166


 9BAB7F

 B6C69A

 D1E2B4

 EEFFD0

 21300B

 21300B

■ 1F3006

■ 233010

■ 1D3001

■ 253015

■ 1D3000

■ 273019

■ 29301E

■ 2B3023

■ 2D3028

■ 2F302D

■ 313031

■ 333036

Harmonies

Analogous

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



332B02



21300B



05331B

Triad

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



21300B



00314B



4B1B2A

Complementary

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



21300B



1A0B30

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.



431F3C



21300B



062D4F

Square

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



21300B



00343E



2F2649



4A1E19

Rectangle

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



21300B



003427



2F2649



4A1C30

Sweetspot

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



21300B



373D2F



301A0B



1B1F16



9E9E9E



1F1F1F

Same Dimension

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



21300B



263D04



0F300B



161715



345700



7FD600

Inverse Universe

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



1A0B30



1B043D



2C0B30



161517



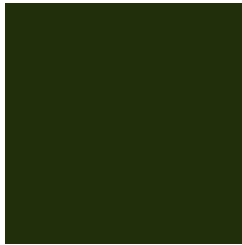
230057



5700D6

Previews

White Background



This preview shows how the Hex color 21300B looks on a white background.

Color Contrast Check

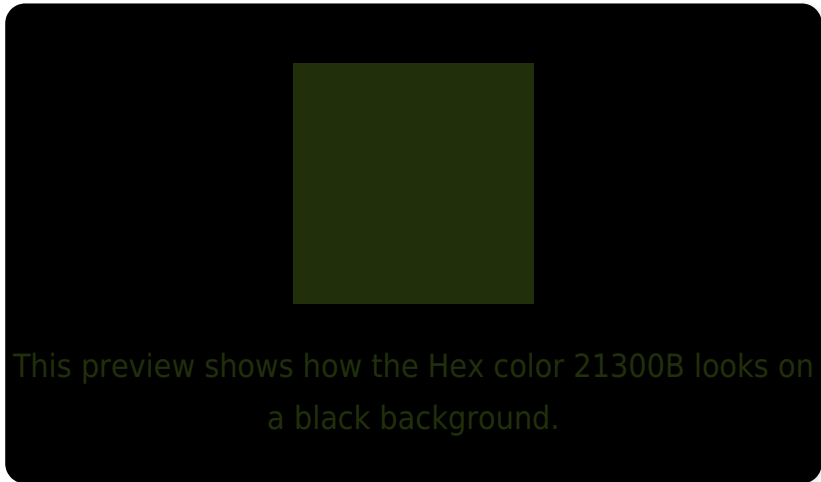
Large Text (above 18pt) WCAG AA ✓ Pass

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

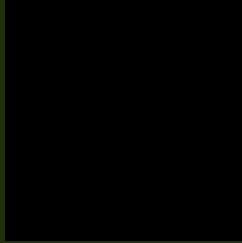
Any Text WCAG AA × Fail

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 21300B Background



This preview shows how black text looks on a background with the Hex color 21300B.



This preview shows how white text looks on a background with the Hex color 21300B.

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
21300B

Protanopia
312C0A

Deuteranopia
36290E



Tritanopia
262D30

Trichromacy



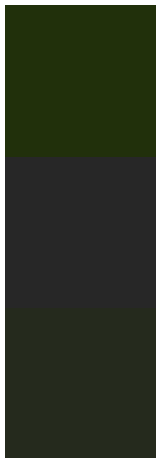
Original Color
21300B

Protanomaly
2B2D0A

Deuteranomaly
2E2C0D

Tritanomaly
242E23

Monochromacy



Original Color
21300B

Achromatopsia
272727

Achromatomaly
252A1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 21300B 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 #21300B looks like.

```
.text, #text, p{  
    color:#21300B  
}
```

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 #21300B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21300B
}
```

Border

The CSS property to change the border of an element to Hex 21300B is called "border". The border property can be set on classes, ids or directly on the HTML element.

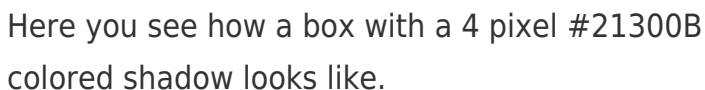
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21300B }
```

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

```
.border{ border-color:#21300B }
```

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



Here you see how a box with a 4 pixel #21300B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21300B; -webkit-box-shadow:4px 4px  
4px 4px #21300B; box-shadow:4px 4px 4px  
4px #21300B }
```

Background

The CSS property to change the background color of an element to Hex 21300B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21300B }
```

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

```
.background{ background-color:#21300B }
```

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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