

Converting Colors

Hex(18310E)

Have a look what the booklet for
Hex(18310E) contains.

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Color

Hex(18310E)

Conversions

Conversions Part 1

Format	Color
Hex	18310E
RGB	24, 49, 14
RGB Percent	9%, 19%, 5%
CMY	0.9059, 0.8078, 0.9451
CMYK	0.51, 0.00, 0.71, 0.81
HSL	103°, 56%, 12%
HSV	103°, 71%, 19%
XYZ	1.5543, 2.4225, 0.8011
YIQ	37.5350, -3.6650, -16.1850

Conversions

Conversions Part 2

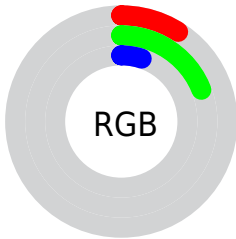
Format	Color
R_{YB}	14, 49, 39
Decimal	1585422
CIE _{Lab}	17.56, -17.76, 18.82
CIE _{LCh}	18, 25.883, 133.339
Yxy	2.4225, 0.3253, 0.5070
Android (android.graphics.Color)	4279775502 (0xFF18310E)
YUV	37.5350, -11.6028, -11.8702
Hunter-Lab	15.5645, -9.4128, 7.8433

Details

The Hex color **18310E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **270E31**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **455F39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **153109**, and if you desaturate by 10%, it is **1C3113**.

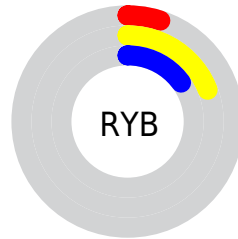
Distribution



Red (9%)

Green (19%)

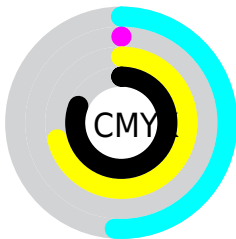
Blue (5%)



Red (5%)

Yellow (19%)

Blue (15%)

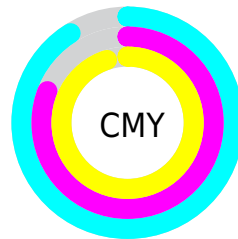


Cyan (51%)

Magenta (0%)

Yellow (71%)

Black (81%)



Cyan (91%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18310E 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 18310E by changing the saturation by 10% instead.

 18310E

 18310E

 FFFFEF

 001D00

 455F39

 000000

 5E7850

 779269

 91AD82

 ABC89C

 C7E4B7

 E3FFD3

 18310E

 18310E

■ 153109

■ 1C3113

■ 113104

■ 1F3118

■ 0E3100

■ 23311D

■ 263122

■ 2A3127

■ 2D312B

■ 313130

■ 343135

■ 38313A

Harmonies

Analogous

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



2D2D00



18310E



003320

Triad

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



18310E



00304F



4D1A24

Complementary

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



18310E



270E31

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.



471B36



18310E



162A4F

Square

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



18310E



003344



372346



491F12

Rectangle

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



18310E



00342D



372346



4C192A

Sweetspot

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



18310E



364032



31270E



1B2119



A1A1A1



212121

Same Dimension

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



18310E



194009



0E3115



181A17



1A5900



3ED900

Inverse Universe

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



270E31



300940



310E2A



19171A



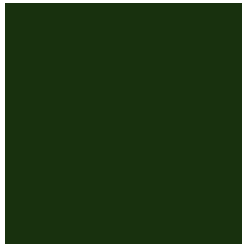
400059



9B00D9

Previews

White Background



This preview shows how the Hex color 18310E looks on a white background.

Color Contrast Check

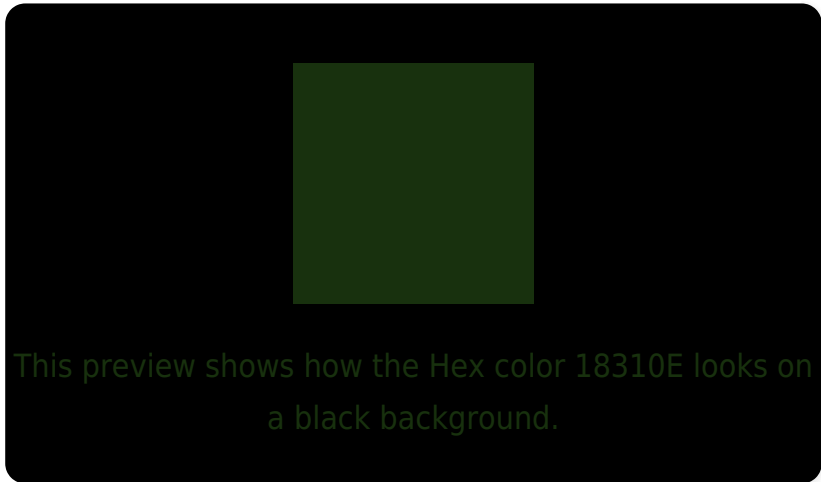
Large Text (above 18pt) WCAG AA ✓ Pass

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

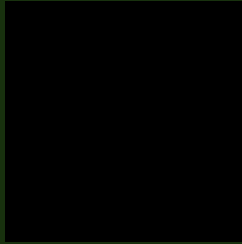
Any Text WCAG AA × Fail

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 18310E Background



This preview shows how black text looks on a background with the Hex color 18310E.



This preview shows how white text looks on a background with the Hex color 18310E.

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
18310E

Protanopia
302B0D

Deuteranopia
362911



Tritanopia
1E2E31

Trichromacy



Original Color

18310E

Protanomaly

272D0D

Deuteranomaly

2B2C10

Tritanomaly

1C2F24

Monochromacy



Original Color

18310E

Achromatopsia

262626

Achromatomaly

212A1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18310E 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 #18310E looks like.

```
.text, #text, p{  
    color:#18310E  
}
```

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 #18310E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18310E
}
```

Border

The CSS property to change the border of an element to Hex 18310E 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".

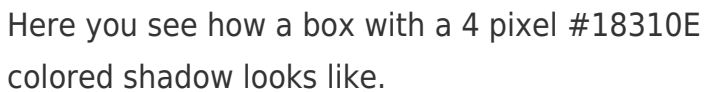
```
.border, #border, table{ border:4px solid
#18310E }
```

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

```
.border{ border-color:#18310E }
```

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

Here you see how a box with a 4 pixel #18310E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18310E; -webkit-box-shadow:4px 4px  
4px 4px #18310E; box-shadow:4px 4px 4px  
4px #18310E }
```

Background

The CSS property to change the background color of an element to Hex 18310E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18310E }
```

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

```
.background{ background-color:#18310E }
```

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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