

# Converting Colors

Hex(132E1B)

Have a look what the booklet for  
Hex(132E1B) contains.

<b>Hex(132E1B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(132E1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	132E1B
RGB	19, 46, 27
RGB Percent	7%, 18%, 11%
CMY	0.9255, 0.8196, 0.8941
CMYK	0.59, 0.00, 0.41, 0.82
HSL	138°, 42%, 13%
HSV	138°, 59%, 18%
XYZ	1.4434, 2.1716, 1.3800
YIQ	35.7610, -9.9930, -11.6330

# Conversions

## Conversions Part 2

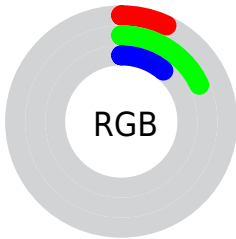
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 40, 46
Decimal	1256987
CIE <sub>Lab</sub>	16.36, -15.68, 9.17
CIE <sub>LCh</sub>	16, 18.162, 149.682
Yxy	2.1716, 0.2890, 0.4348
Android (android.graphics.Color)	4279447067 (0xFF132E1B)
YUV	35.7610, -4.3192, -14.6994
Hunter-Lab	14.7362, -8.3047, 4.7631

# Details

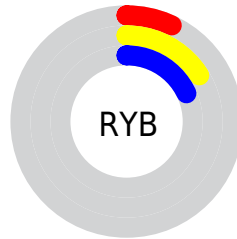
The Hex color **132E1B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E1326**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **405C46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E2E18**, and if you desaturate by 10%, it is **182E1E**.

# Distribution



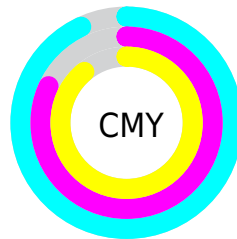
- Red (7%)
- Green (18%)
- Blue (11%)



- Red (7%)
- Yellow (16%)
- Blue (18%)



- Cyan (59%)
- Magenta (0%)
- Yellow (41%)
- Black (82%)



- Cyan (93%)
- Magenta (82%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 132E1B 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 132E1B by changing the saturation by 10% instead.



 132E1B

 132E1B

 F8FFFF

 001A00

 405C46

 000000

 57755E

 708E77


 8AA990

 A4C4AB

 C0E0C6

 DCFDE2

 132E1B

 132E1B

■ 0E2E18

■ 182E1E

■ 0A2E15

■ 1C2E21

■ 052E11

■ 212E25

■ 012E0E

■ 252E28

■ 002E0E

■ 2A2E2B

■ 2F2E2E

■ 332E32

■ 382E35

■ 3C2E38

# Harmonies

## Analogous

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



232C11



132E1B



002F28

# Triad

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



132E1B



122A42



401F1C

# Complementary

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



132E1B



2E1326

# 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.



401E29



132E1B



29253F

# Square

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



132E1B



002D3F



382036



3B2312

# Rectangle

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



132E1B



002F31



382036



411E21



# Sweetspot

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



132E1B



303B33



262E13



181F1A



9E9E9E



1F1F1F



# Same Dimension

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



132E1B



123B1E



132E28



151715



00571A



00D63F



# Inverse Universe

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



2E1326



3B122E



2E1319



171516



57003D

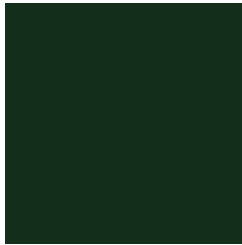


D60097



# Previews

## White Background



This preview shows how the Hex color 132E1B looks on a white background.

## Color Contrast Check

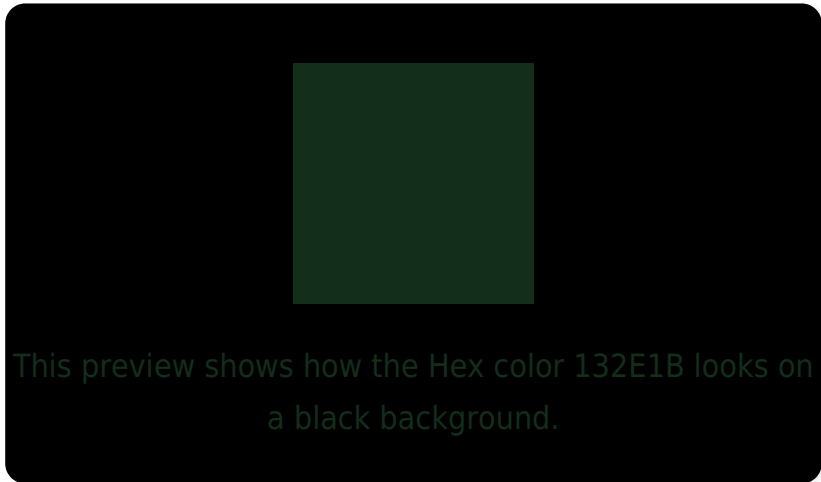
Large Text (above 18pt) WCAG AA ✓ Pass

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

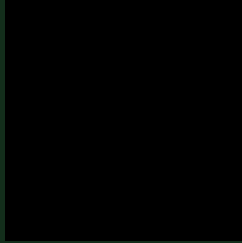
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 132E1B Background



This preview shows how black text looks on a background with the Hex color 132E1B.



This preview shows how white text looks on a background with the Hex color 132E1B.

# 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**  
132E1B

**Protanopia**  
2C2919

**Deuteranopia**  
30271D



**Tritanopia**  
192C2F

# Trichromacy



**Original Color**  
132E1B

**Protanomaly**  
232B1A

**Deuteranomaly**  
252A1C

**Tritanomaly**  
172D28

# Monochromacy



**Original Color**  
132E1B

**Achromatopsia**  
242424

**Achromatomaly**  
1E2821

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 132E1B 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 #132E1B looks like.

```
.text, #text, p{  
    color:#132E1B  
}
```

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 #132E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132E1B
}
```

## Border

The CSS property to change the border of an element to Hex 132E1B 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
#132E1B }
```

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

```
.border{ border-color:#132E1B }
```

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

Here you see how a box with a 4 pixel #132E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132E1B; -webkit-box-shadow:4px 4px  
4px 4px #132E1B; box-shadow:4px 4px 4px  
4px #132E1B }
```

# Background

The CSS property to change the background color of an element to Hex 132E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132E1B }
```

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

```
.background{ background-color:#132E1B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor