

# Converting Colors

Hex(1E3B13)

Have a look what the booklet for  
Hex(1E3B13) contains.

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# Color

**Hex(1E3B13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E3B13
RGB	30, 59, 19
RGB Percent	12%, 23%, 7%
CMY	0.8824, 0.7686, 0.9255
CMYK	0.49, 0.00, 0.68, 0.77
HSL	104°, 51%, 15%
HSV	104°, 68%, 23%
XYZ	2.2169, 3.4510, 1.1654
YIQ	45.7690, -4.4440, -18.5880

# Conversions

## Conversions Part 2

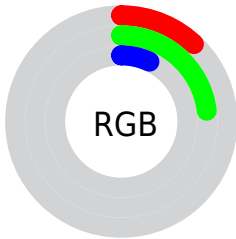
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 59, 48
Decimal	1981203
CIE <sub>Lab</sub>	21.77, -19.93, 21.04
CIE <sub>LCh</sub>	22, 28.978, 133.445
Yxy	3.4510, 0.3244, 0.5050
Android (android.graphics.Color)	4280171283 (0xFF1E3B13)
YUV	45.7690, -13.1971, -13.8294
Hunter-Lab	18.5768, -11.2074, 9.2844

# Details

The Hex color **1E3B13** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **30133B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4D6B3F**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **1A3B0D**, and if you desaturate by 10%, it is **223B19**.

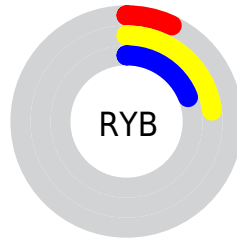
# Distribution



Red (12%)

Green (23%)

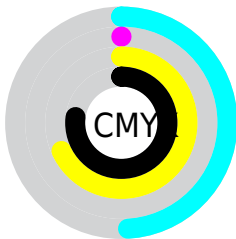
Blue (7%)



Red (7%)

Yellow (23%)

Blue (19%)

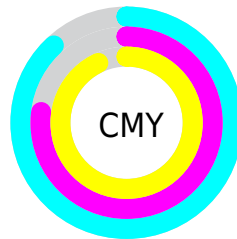


Cyan (49%)

Magenta (0%)

Yellow (68%)

Black (77%)



Cyan (88%)

Magenta (77%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E3B13 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 1E3B13 by changing the saturation by 10% instead.



 1E3B13

 1E3B13

 FFFFF7

 0B2500

 4D6B3F

 000C00

 658457

 000000

 7F9E6F


 99B989

 B4D5A3

 D0F1BE

 ECFFDA

 1E3B13

 1E3B13

■ 1A3B0D

■ 223B19

■ 153B07

■ 273B1F

■ 113B01

■ 2B3B25

■ 103B00

■ 2F3B2B

■ 333B31

■ 383B36

■ 3C3B3C

■ 403B42

■ 443B48

# Harmonies

## Analogous

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



363605



1E3B13



003E27

# Triad

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



1E3B13



003A5D



5B202B

# Complementary

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



1E3B13



30133B

# 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.



552241



1E3B13



1C335E

# Square

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



1E3B13



003D51



422A53



562618

# Rectangle

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



1E3B13



003E36



422A53



5A2033



# Sweetspot

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



1E3B13



414D3D



3B3013



20261D



A6A6A6



262626



# Same Dimension

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



1E3B13



204D0F



133B1C



1C1F1C



1A5E00



3DDE00



# Inverse Universe

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



30133B



3B0F4D



3B1332



1E1C1F



44005E

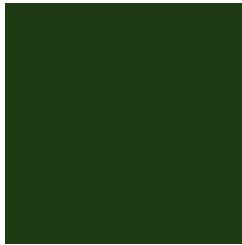


A100DE



# Previews

## White Background



This preview shows how the Hex color 1E3B13 looks on a white background.

## Color Contrast Check

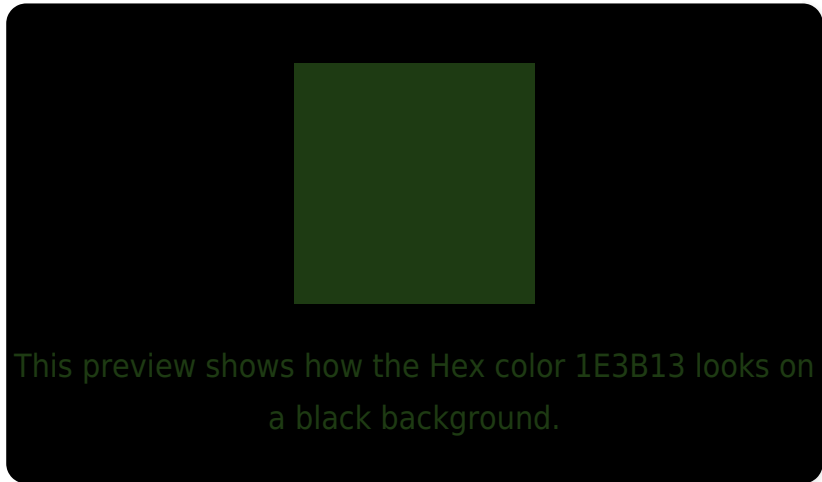
Large Text (above 18pt) WCAG AA ✓ Pass

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

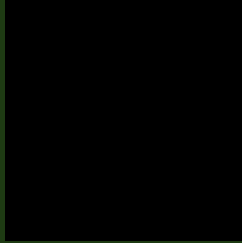
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E3B13 Background



This preview shows how black text looks on a background with the Hex color 1E3B13.



This preview shows how white text looks on a background with the Hex color 1E3B13.

# 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**  
1E3B13

**Protanopia**  
3A3411

**Deuteranopia**  
413216



# Trichromacy



**Original Color**  
1E3B13

**Protanomaly**  
303712

**Deuteranomaly**  
343515

**Tritanomaly**  
22382D

# Monochromacy



**Original Color**  
1E3B13

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
283324

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E3B13 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 #1E3B13 looks like.

```
.text, #text, p{  
    color:#1E3B13  
}
```

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 #1E3B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3B13
}
```

## Border

The CSS property to change the border of an element to Hex 1E3B13 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".

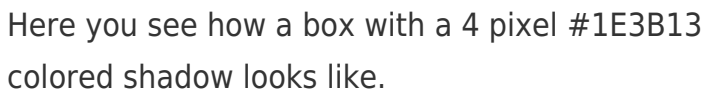
```
.border, #border, table{ border:4px solid
#1E3B13 }
```

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

```
.border{ border-color:#1E3B13 }
```

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

Here you see how a box with a 4 pixel #1E3B13 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 #1E3B13; -webkit-box-shadow:4px 4px  
4px 4px #1E3B13; box-shadow:4px 4px 4px  
4px #1E3B13 }
```

# Background

The CSS property to change the background color of an element to Hex 1E3B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3B13 }
```

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

```
.background{ background-color:#1E3B13 }
```

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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