

Converting Colors

Hex(1E3917)

Have a look what the booklet for
Hex(1E3917) contains.

Hex(1E3917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E3917)

Conversions

Conversions Part 1

Format	Color
Hex	1E3917
RGB	30, 57, 23
RGB Percent	12%, 22%, 9%
CMY	0.8824, 0.7765, 0.9098
CMYK	0.47, 0.00, 0.60, 0.78
HSL	108°, 43%, 16%
HSV	108°, 60%, 22%
XYZ	2.1532, 3.2641, 1.3272
YIQ	45.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

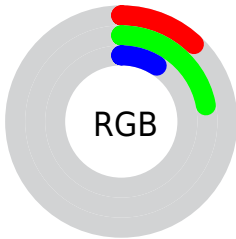
Format	Color
R_{YB}	23, 57, 50
Decimal	1980695
CIE _{Lab}	21.07, -18.32, 17.89
CIE _{LCh}	21, 25.604, 135.676
Yxy	3.2641, 0.3193, 0.4840
Android (android.graphics.Color)	4280170775 (0xFF1E3917)
YUV	45.0510, -10.8711, -13.1997
Hunter-Lab	18.0669, -10.3436, 8.2915

Details

The Hex color **1E3917** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **321739**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4C6843**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **193911**, and if you desaturate by 10%, it is **23391D**.

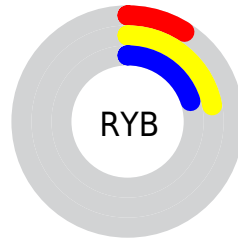
Distribution



Red (12%)

Green (22%)

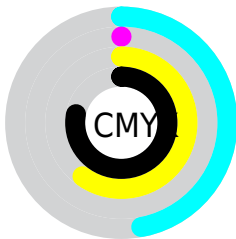
Blue (9%)



Red (9%)

Yellow (22%)

Blue (20%)

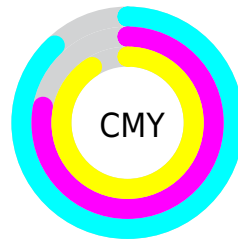


Cyan (47%)

Magenta (0%)

Yellow (60%)

Black (78%)



Cyan (88%)


Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3917 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 1E3917 by changing the saturation by 10% instead.

 1E3917

 1E3917

 FFFFFB

 0B2300

 4C6843

 000700

 64825A

 000000

 7E9C73

 98B78D

 B3D2A7

 CFEFC3

 EBFFDF

 1E3917

 1E3917

■ 193911

■ 23391D

■ 15390C

■ 273922

■ 103906

■ 2C3928

■ 0C3900

■ 30392E

■ 353934

■ 393939

■ 3E393F

■ 423945

■ 47394A

Harmonies

Analogous

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



34350B



1E3917



003B29

Triad

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



1E3917



003757



552229

Complementary

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



1E3917



321739

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.



51233C



1E3917



233157

Square

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



1E3917



003B4D



402A4D



512718

Rectangle

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



1E3917



003C36



402A4D



552230

Sweetspot

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



1E3917



3F4A3D



393217



20261E



A6A6A6



262626

Same Dimension

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



1E3917



204A15



173921



1A1C19



135C00



2DDB00

Inverse Universe

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



321739



3F154A



39172F



1B191C



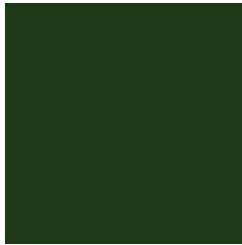
49005C



AE00DB

Previews

White Background



This preview shows how the Hex color 1E3917 looks on a white background.

Color Contrast Check

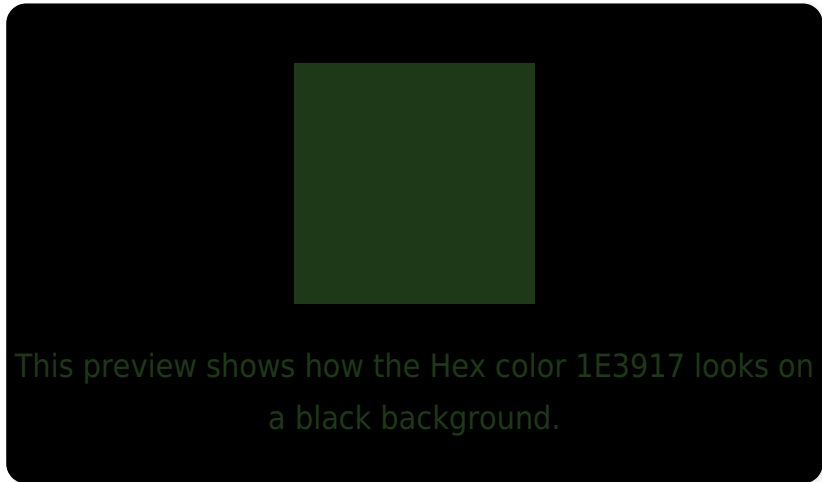
Large Text (above 18pt) WCAG AA ✓ Pass

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

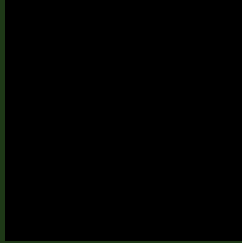
Any Text WCAG AA × Fail

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 1E3917 Background



This preview shows how black text looks on a background with the Hex color 1E3917.



This preview shows how white text looks on a background with the Hex color 1E3917.

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](#).

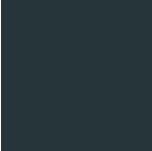
Dichromacy



Original Color
1E3917

Protanopia
383315

Deuteranopia
3E301A



Tritanopia
25353A

Trichromacy



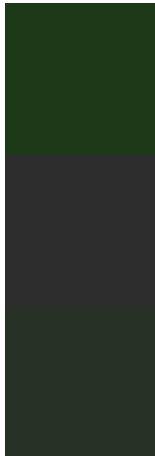
Original Color
1E3917

Protanomaly
2F3516

Deuteranomaly
323319

Tritanomaly
22362D

Monochromacy



Original Color
1E3917

Achromatopsia
2D2D2D

Achromatomaly
283125

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3917 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 #1E3917 looks like.

```
.text, #text, p{  
    color:#1E3917  
}
```

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 #1E3917 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3917
}
```

Border

The CSS property to change the border of an element to Hex 1E3917 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".

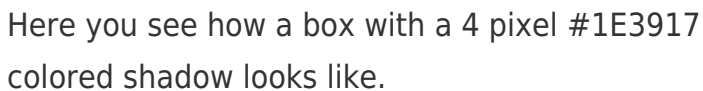
```
.border, #border, table{ border:4px solid
#1E3917 }
```

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

```
.border{ border-color:#1E3917 }
```

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

Here you see how a box with a 4 pixel #1E3917 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3917; -webkit-box-shadow:4px 4px  
4px 4px #1E3917; box-shadow:4px 4px 4px  
4px #1E3917 }
```

Background

The CSS property to change the background color of an element to Hex 1E3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3917 }
```

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

```
.background{ background-color:#1E3917 }
```

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