

Converting Colors

Hex(1E3B08)

Have a look what the booklet for
Hex(1E3B08) contains.

Hex(1E3B08)	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(1E3B08)

Conversions

Conversions Part 1

Format	Color
Hex	1E3B08
RGB	30, 59, 8
RGB Percent	12%, 23%, 3%
CMY	0.8824, 0.7686, 0.9686
CMYK	0.49, 0.00, 0.86, 0.77
HSL	94°, 76%, 13%
HSV	94°, 86%, 23%
XYZ	2.1432, 3.4215, 0.7772
YIQ	44.5150, -0.9130, -22.0090

Conversions

Conversions Part 2

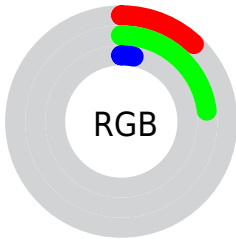
Format	Color
RYB	8, 59, 37
Decimal	1981192
CIELab	21.66, -21.06, 26.23
CIELCh	22, 33.637, 128.770
Yxy	3.4215, 0.3379, 0.5395
Android (android.graphics.Color)	4280171272 (0xFF1E3B08)
YUV	44.5150, -18.0019, -12.7297
Hunter-Lab	18.4972, -11.6880, 10.4569

Details

The Hex color **1E3B08** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25083B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4D6B36**, and **000B00** is the 20% darker color. If you saturate the color by 10%, you get **1B3B02**, and if you desaturate by 10%, it is **213B0E**.

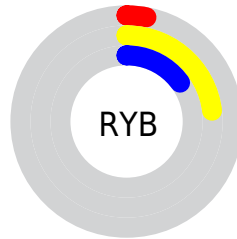
Distribution



Red (12%)

Green (23%)

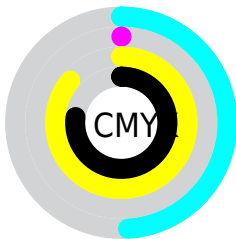
Blue (3%)



Red (3%)

Yellow (23%)

Blue (15%)

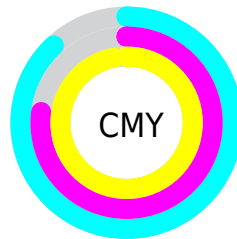


Cyan (49%)

Magenta (0%)

Yellow (86%)

Black (77%)



Cyan (88%)

Magenta (77%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3B08 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 1E3B08 by changing the saturation by 10% instead.

 1E3B08

 1E3B08

 FFFFEC

 072500

 4D6B36

 000B00

 66844D

 000000

 809E65

 9AB97F

 B5D599

 D1F1B4

 EEFFD0

 1E3B08

 1E3B08

■ 1B3B02

■ 213B0E

■ 193B00

■ 253B14

■ 283B1A

■ 2B3B20

■ 2F3B25

■ 323B2B

■ 353B31

■ 393B37

■ 3C3B3D

Harmonies

Analogous

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



3A3500



1E3B08



003E21

Triad

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



1E3B08



003B62



601A2E

Complementary

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



1E3B08



25083B

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.



571E46



1E3B08



003465

Square

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



1E3B08



003F53



3E2A5B



5C2116

Rectangle

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



1E3B08



003F32



3E2A5B



5F1A36

Sweetspot

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



1E3B08



414D39



3B2508



20261A



A6A6A6



262626

Same Dimension

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



1E3B08



214D00



083B0B



1D1F1C



295E00



60DE00

Inverse Universe

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



25083B



2C004D



3B0838



1D1C1F



36005E



7E00DE

Previews

White Background



This preview shows how the Hex color 1E3B08 looks on a white background.

Color Contrast Check

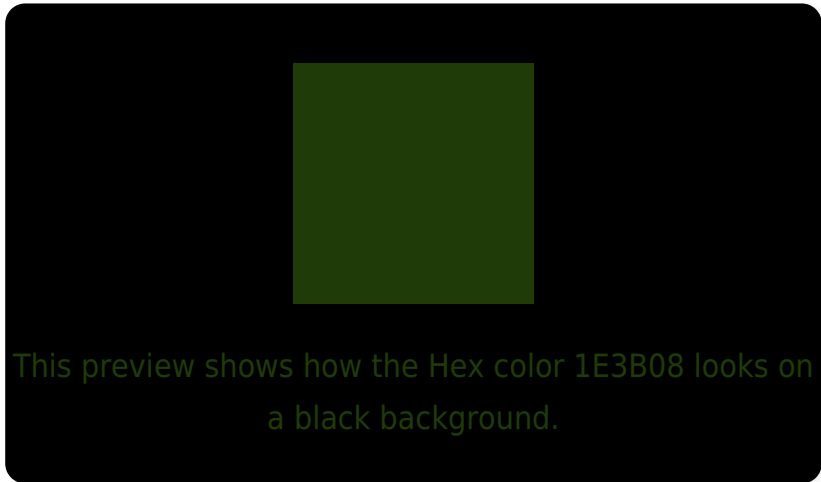
Large Text (above 18pt) WCAG AA ✓ Pass

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

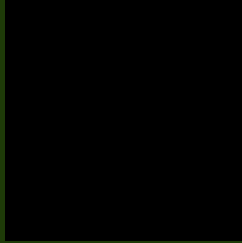
Any Text WCAG AA × Fail

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 1E3B08 Background



This preview shows how black text looks on a background with the Hex color 1E3B08.



This preview shows how white text looks on a background with the Hex color 1E3B08.

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
1E3B08

Protanopia
3B3406

Deuteranopia
41310E



Tritanopia
26373B

Trichromacy



Original Color
1E3B08

Protanomaly
303707

Deuteranomaly
34350C

Tritanomaly
233828

Monochromacy



Original Color
1E3B08

Achromatopsia
2D2D2D

Achromatomaly
283220

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3B08 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 #1E3B08 looks like.

```
.text, #text, p{  
    color:#1E3B08  
}
```

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 #1E3B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3B08
}
```

Border

The CSS property to change the border of an element to Hex 1E3B08 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".

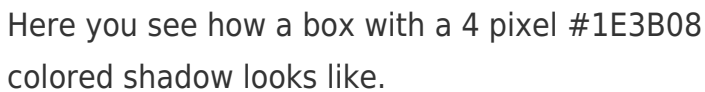
```
.border, #border, table{ border:4px solid
#1E3B08 }
```

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

```
.border{ border-color:#1E3B08 }
```

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

Here you see how a box with a 4 pixel #1E3B08 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 #1E3B08; -webkit-box-shadow:4px 4px  
4px 4px #1E3B08; box-shadow:4px 4px 4px  
4px #1E3B08 }
```

Background

The CSS property to change the background color of an element to Hex 1E3B08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3B08 }
```

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

```
.background{ background-color:#1E3B08 }
```

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