

# Converting Colors

Hex(1E360E)

Have a look what the booklet for  
Hex(1E360E) contains.

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# Color

**Hex(1E360E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E360E
RGB	30, 54, 14
RGB Percent	12%, 21%, 5%
CMY	0.8824, 0.7882, 0.9451
CMYK	0.44, 0.00, 0.74, 0.79
HSL	96°, 59%, 13%
HSV	96°, 74%, 21%
XYZ	1.9339, 2.9461, 0.8822
YIQ	42.2640, -1.4640, -17.5280

# Conversions

## Conversions Part 2

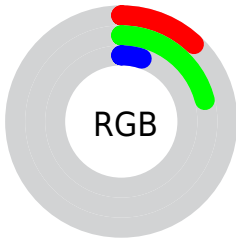
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 54, 38
Decimal	1979918
CIELab	19.83, -17.93, 21.57
CIELCh	20, 28.042, 129.733
Yxy	2.9461, 0.3356, 0.5113
Android (android.graphics.Color)	4280169998 (0xFF1E360E)
YUV	42.2640, -13.9342, -10.7555
Hunter-Lab	17.1641, -9.9258, 8.9675

# Details

The Hex color **1E360E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **260E36**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4C653A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B3609**, and if you desaturate by 10%, it is **213613**.

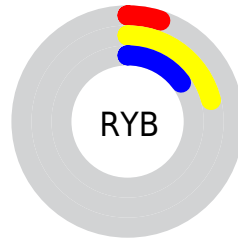
# Distribution



Red (12%)

Green (21%)

Blue (5%)



Red (5%)

Yellow (21%)

Blue (15%)

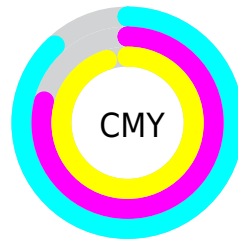


Cyan (44%)

Magenta (0%)

Yellow (74%)

Black (79%)



Cyan (88%)

Magenta (79%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E360E 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 1E360E by changing the saturation by 10% instead.



 1E360E

 1E360E

 FFFFF0

 082100

 4C653A

 000000

 657E51

 7E9869

 98B383

 B3CE9D

 CFEBB8

 EBFFD4

 1E360E

 1E360E

■ 1B3609

■ 213613

■ 183603

■ 243619

■ 163600

■ 28361E

■ 2B3624

■ 2E3629

■ 31362E

■ 353634

■ 383639

■ 3B363F

# Harmonies

## Analogous

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



353101



1E360E



003921

# Triad

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



1E360E



003656



551C2A

# Complementary

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



1E360E



260E36

# 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.



4E1F3F



1E360E



113058

# Square

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



1E360E



00394A



392850



512117

# Rectangle

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



1E360E



003A2F



392850



541C31



# Sweetspot

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



1E360E



3E4738



36260E



1E241A



A3A3A3



242424



# Same Dimension

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



1E360E



214708



0E3612



1A1C19



255C00



58DB00



# Inverse Universe

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



260E36



2E0847



360E32



1B191C



37005C

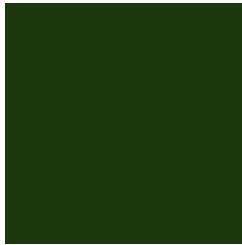


8400DB



# Previews

## White Background



This preview shows how the Hex color 1E360E looks on a white background.

## Color Contrast Check

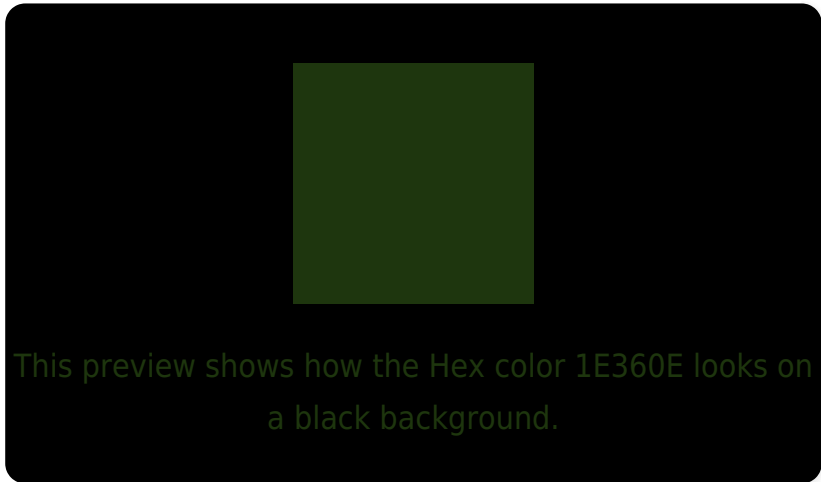
Large Text (above 18pt) WCAG AA ✓ Pass

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

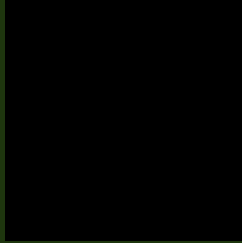
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E360E Background



This preview shows how black text looks on a background with the Hex color 1E360E.



This preview shows how white text looks on a background with the Hex color 1E360E.

# 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](#).

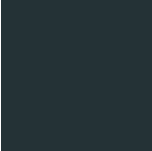
## Dichromacy



**Original Color**  
1E360E

**Protanopia**  
36300C

**Deuteranopia**  
3C2E11



**Tritanopia**  
243236

# Trichromacy



**Original Color**  
1E360E

**Protanomaly**  
2D320D

**Deuteranomaly**  
313110

**Tritanomaly**  
223327

# Monochromacy



**Original Color**  
1E360E

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
262E20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E360E 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 #1E360E looks like.

```
.text, #text, p{  
    color:#1E360E  
}
```

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 #1E360E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E360E
}
```

## Border

The CSS property to change the border of an element to Hex 1E360E 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".

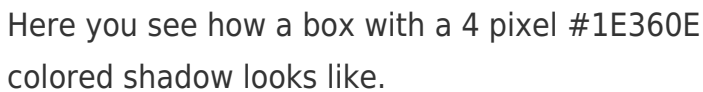
```
.border, #border, table{ border:4px solid
#1E360E }
```

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

```
.border{ border-color:#1E360E }
```

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

Here you see how a box with a 4 pixel #1E360E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E360E; -webkit-box-shadow:4px 4px  
4px 4px #1E360E; box-shadow:4px 4px 4px  
4px #1E360E }
```

# Background

The CSS property to change the background color of an element to Hex 1E360E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E360E }
```

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

```
.background{ background-color:#1E360E }
```

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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