

# Converting Colors

HunterLab(31.3835, 9.2534,  
18.4985)

Have a look what the booklet for  
HunterLab(31.3835, 9.2534,  
18.4985) contains.

<b>HunterLab(31.3835, 9.2534, 18.4985)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(31.3835, 9.2534,  
18.4985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D4E11
RGB	125, 78, 17
RGB Percent	49%, 31%, 7%
CMY	0.5098, 0.6941, 0.9333
CMYK	0.00, 0.38, 0.86, 0.51
HSL	34°, 76%, 28%
HSV	34°, 86%, 49%
XYZ	11.2830, 9.8492, 1.8367
YIQ	85.0990, 47.5930, -9.0070

# Conversions

## Conversions Part 2

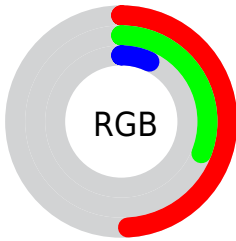
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 125, 17
Decimal	8211985
CIE Lab	37.57, 14.82, 41.07
CIE LCh	38, 43.664, 70.152
Yxy	9.8497, 0.4912, 0.4288
Android (android.graphics.Color)	4286402065 (0xFF7D4E11)
YUV	85.0990, -33.5728, 34.9932
Hunter-Lab	31.3835, 9.2534, 18.4985

# Details

The HunterLab color **31.3835, 9.2534, 18.4985** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **22.9487, 4.6901, -35.9037**, and the grayscale version is **30.2833, -1.6158, 1.6454**.

A 20% lighter version of the original color is **50.5145, 10.0613, 25.2533**, and **15.5798, 8.7381, 9.7532** is the 20% darker color. If you saturate the color by 10%, you get **30.1295, 11.4710, 18.5121**, and if you desaturate by 10%, it is **32.7196, 7.1843, 18.1216**.

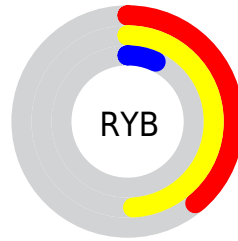
# Distribution



Red (49%)

Green (31%)

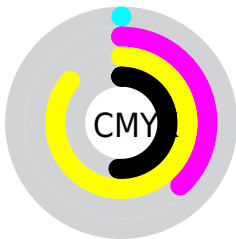
Blue (7%)



Red (39%)

Yellow (49%)

Blue (7%)

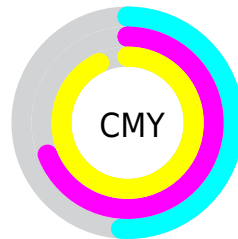


Cyan (0%)

Magenta (38%)

Yellow (86%)

Black (51%)



Cyan (51%)

Magenta (69%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3835, 9.2534, 18.4985 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 HunterLab color 31.3835, 9.2534, 18.4985 by changing the saturation by 10% instead.



31.3835, 9.2534,  
18.4985

31.3835, 9.2534,  
18.4985

137.6940, 9.8398,  
44.8049

23.0205, 8.7685,  
14.9499

50.5099, 9.8910,  
25.2738

15.5692, 8.1469,  
10.8985

61.1504, 10.0772,  
28.3775

9.1553, 7.3739,  
6.4087

72.4482, 10.1884,  
31.3411

0.0000, INF, NaN

0.0000, NaN, NaN

84.3670, 10.2321,  
34.1912

0.0000, NaN, NaN

96.8761, 10.2145,  
36.9482

0.0000, NaN, NaN

0.0000, NaN, NaN

109.9487, 10.1406,

39.6281

0.0000, NaN, NaN

123.5615, 10.0145,  
42.2436

31.3835, 9.2534,  
18.4985

31.3835, 9.2534,  
18.4985

30.1295, 11.4710,  
18.5121

32.7196, 7.1843,  
18.1216

29.6924, 12.2764,  
18.5112

34.1356, 5.3027,  
17.3220

35.6284, 3.6151,  
16.1061

37.1939, 2.1225,  
14.4905

38.8278, 0.8218,  
12.4976

■ 40.5256, -0.2938,  
10.1525

■ 42.2834, -1.2328,  
7.4810

■ 44.0972, -2.0050,  
4.5087

■ 45.9635, -2.6207,  
1.2599

# Harmonies

## Analogous

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



31.3843, 24.9082, 15.1624



31.3835, 9.2534, 18.4985



31.3843, -6.8249, 18.8722

# Triad

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



31.3843, 9.2516, 18.4988



31.3843, -26.2179, -3.7901



31.3843, 20.2722, -29.1448

# Complementary

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



31.3835, 9.2534, 18.4985



22.9487, 4.6901, -35.9037

# 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.



31.3843, 3.8273, -41.7780



31.3835, 9.2534, 18.4985



31.3843, -21.5872, -23.0414

# Square

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



31.3843, 9.2516, 18.4988



31.3843, -25.3338, 9.9819



31.3843, -11.2873, -39.1170



31.3843, 32.0877, -9.6969



# Rectangle

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



31.3835, 9.2534, 18.4985



31.3843, -15.4530, 17.7818



31.3843, -11.2873, -39.1170



31.3843, 14.9826, -34.6773

# Sweetspot

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



31.3843, 9.2516, 18.4988



54.1779, -0.3615, 13.6634



22.6927, 36.0334, 1.3078



25.5328, 0.0156, 6.9548



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



31.3843, 9.2516, 18.4988



39.3619, 17.2252, 24.5562



43.2113, -13.1399, 25.6688



21.7157, -0.9020, 2.6622



30.3109, 12.5917, 18.8979

0.0000, NaN, NaN



# Inverse Universe

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



22.9487, 4.6901, -35.9037



26.7586, 12.4297, -60.2782



14.3416, 27.6989, -70.8881



21.2029, -1.3189, -0.4174



20.7938, 8.7013, -44.7740

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 31.3835, 9.2534, 18.4985 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



This preview shows how the HunterLab color 31.3835, 9.2534, 18.4985 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

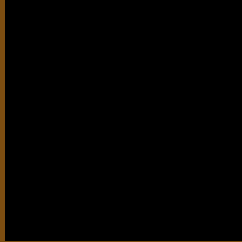
Any Text WCAG AA × Fail

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](#).

## HunterLab 31.3835, 9.2534, 18.4985 Background



This preview shows how black text looks on a background with the HunterLab color 31.3835, 9.2534, 18.4985.



This preview shows how white text looks on a background with the HunterLab color 31.3835, 9.2534,



# 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

31.3835, 9.2534, 18.4985

### Protanopia

31.4716, -4.2890, 18.0707

### Deuteranopia

31.3280, 1.7267, 18.6138



## Tritanopia

31.4712, 16.7299, 6.1063

# Trichromacy



## Original Color

31.3835, 9.2534, 18.4985

## Protanomaly

31.2973, 0.3967, 18.1251

## Deuteranomaly

31.3818, 4.4229, 18.6298

## Tritanomaly

31.3524, 13.3527, 12.4777

# Monochromacy



## Original Color

31.3835, 9.2534, 18.4985

## Achromatopsia

30.1400, -1.6082, 1.6376

## Achromatomaly

30.1167, 1.1624, 10.1621

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 31.3835, 9.2534, 18.4985 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 `rgb(125, 78, 17)` looks like.

```
.text, #text, p{  
    color:rgb(125, 78, 17)  
}
```

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 rgb(125, 78, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 78, 17) }
```

## Border

The CSS property to change the border of an element to HunterLab 31.3835, 9.2534, 18.4985 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 rgb(125, 78, 17) }
```



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

```
.border{ border-color:rgb(125, 78, 17) }
```

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

Here you see how a box with a 4 pixel rgb(125, 78, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 78, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 78, 17);  
box-shadow:4px 4px 4px 4px rgb(125, 78,  
17) }
```

# Background

The CSS property to change the background color of an element to HunterLab 31.3835, 9.2534, 18.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 78, 17) }
```

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

```
.background{ background-color: rgb(125, 78,  
17) }
```

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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