

# Converting Colors

HunterLab(26.9648, 23.4796,  
18.8753)

Have a look what the booklet for  
HunterLab(26.9648, 23.4796,  
18.8753) contains.

<b>HunterLab(27.1186, 24.0032, 17.1306)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(27.1186, 24.0032,  
17.1306)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	853300
RGB	133, 51, 0
RGB Percent	52%, 20%, 0%
CMY	0.4784, 0.8000, 1.0000
CMYK	0.00, 0.62, 1.00, 0.48
HSL	23°, 100%, 26%
HSV	23°, 100%, 52%
XYZ	10.8567, 7.3542, 0.8473
YIQ	69.7040, 65.2430, 1.5230

# Conversions

## Conversions Part 2

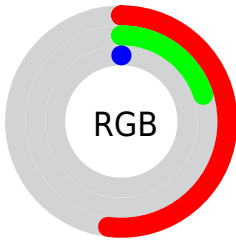
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 83, 0
Decimal	8729344
CIE Lab	32.60, 33.11, 44.09
CIE LCh	33, 55.138, 53.090
Yxy	7.3546, 0.5696, 0.3859
Android (android.graphics.Color)	4286919424 (0xFF853300)
YUV	69.7040, -34.3641, 55.5106
Hunter-Lab	27.1186, 24.0032, 17.1306

# Details

The HunterLab color **27.1186, 24.0032, 17.1306** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **27.7981, -2.0886, -30.2364**, and the grayscale version is **24.7455, -1.3204, 1.3445**.

A 20% lighter version of the original color is **45.4776, 26.8811, 24.5595**, and **12.2305, 20.9451, 7.9031** is the 20% darker color. If you saturate the color by 10%, you get **27.1193, 24.0011, 17.1309**, and if you desaturate by 10%, it is **28.5751, 20.7180, 17.1592**.

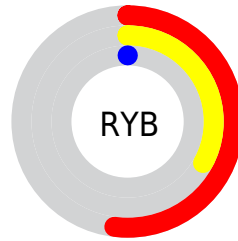
# Distribution



Red (52%)

Green (20%)

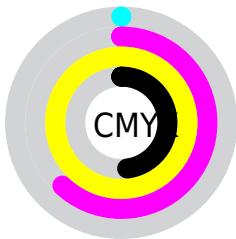
Blue (0%)



Red (52%)

Yellow (33%)

Blue (0%)

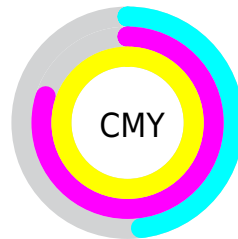


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.1186, 24.0032, 17.1306 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 27.1186, 24.0032, 17.1306 by changing the saturation by 10% instead.



■ 27.1186, 24.0032,  
17.1306

■ 27.1186, 24.0032,  
17.1306

■ 130.6057, 31.9502,  
45.6956

■ 19.1959, 22.5463,  
13.4372

■ 45.4787, 26.5044,  
24.5895

■ 12.2429, 20.9822,  
8.5700

■ 55.7769, 27.5685,  
27.9858

■ 5.3660, 27.3879,  
3.7562

■ 66.7529, 28.5224,  
31.2125

0.0000, INF, NaN

0.0000, NaN, NaN

■ 78.3672, 29.3761,  
34.3011

0.0000, NaN, NaN

■ 90.5865, 30.1387,  
37.2763


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 103.3820, 30.8177,


40.1574


0.0000, NaN, NaN


 116.7291, 31.4197,  
42.9597


 27.1186, 24.0032,  
17.1306


 27.1186, 24.0032,  
17.1306


 27.1193, 24.0011,  
17.1309

 28.5751, 20.7180,  
17.1592

 30.2098, 17.4300,  
16.9324

 32.0210, 14.2645,  
16.2802

 33.9934, 11.2693,  
15.2269

 36.1117, 8.4699,  
13.8099

■ 38.3613, 5.8751,  
12.0705

■ 40.7291, 3.4827,  
10.0487

■ 43.2033, 1.2841,  
7.7810

■ 45.7735, -0.7335,  
5.2993

# Harmonies

## Analogous

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



27.1194, 40.7167, 11.8333



27.1186, 24.0032, 17.1306



27.1194, 3.0621, 18.7588

# Triad

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



27.1194, 24.0008, 17.1309



27.1194, -28.9122, 5.3135



27.1194, 14.3212, -53.4421

# Complementary

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



27.1186, 24.0032, 17.1306



27.7981, -2.0886, -30.2364

# 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.



27.1194, -5.6823, -60.1260



27.1186, 24.0032, 17.1306



27.1194, -27.4301, -15.8765

# Square

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



27.1194, 24.0008, 17.1309



27.1194, -24.8133, 15.1100



27.1194, -20.0000, -43.2472



27.1194, 34.1437, -28.5619



# Rectangle

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



27.1186, 24.0032, 17.1306



27.1194, -9.1962, 18.6010



27.1194, -20.0000, -43.2472



27.1194, 7.2803, -58.3705

# Sweetspot

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



27.1194, 24.0008, 17.1309



54.2833, 4.8708, 13.6431



23.6558, 43.0873, -4.6848



25.2216, 2.8434, 6.9497



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714



# Same Dimension

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



27.1194, 24.0008, 17.1309



35.8954, 33.1559, 22.6990



42.2160, -5.8434, 25.9110



22.2708, -0.4366, 2.4559



26.4956, 23.3521, 16.7353



1.9412, 0.5139, 1.2052



# Inverse Universe

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



27.7981, -2.0886, -30.2364



36.7799, -2.1028, -41.4324



14.3175, 29.9481, -82.5446



22.3311, -1.8659, -0.0805



27.1593, -2.0861, -29.4435



1.9929, -0.7078, -0.9629



# Previews

## White Background



This preview shows how the HunterLab color 27.1186, 24.0032, 17.1306 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](#).

## HunterLab 27.1186, 24.0032, 17.1306 Background



This preview shows how black text looks on a background with the HunterLab color 27.1186, 24.0032, 17.1306.



This preview shows how white text looks on a background with the HunterLab color 27.1186, 24.0032,



# 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

27.1186, 24.0032, 17.1306

### Protanopia

27.4819, -3.7862, 16.0465

### Deuteranopia

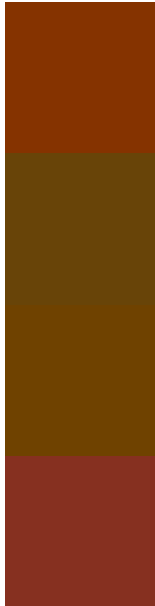
27.3756, 0.9031, 16.8845



## Tritanopia

27.0770, 27.9241, 10.5660

# Trichromacy



## Original Color

27.1186, 24.0032, 17.1306

## Protanomaly

26.6361, 5.7911, 16.0031

## Deuteranomaly

26.9739, 9.0692, 16.7800

## Tritanomaly

26.9936, 26.4873, 14.0956

# Monochromacy



## Original Color

27.1186, 24.0032, 17.1306

## Achromatopsia

24.7479, -1.3205, 1.3446

## Achromatomaly

24.6407, 5.8879, 9.3129

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 27.1186, 24.0032, 17.1306 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(133, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 51, 0)  
}
```

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(133, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 51, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 27.1186, 24.0032, 17.1306 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(133, 51, 0) }
```



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

```
.border{ border-color:rgb(133, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 51, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 51, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 51, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 27.1186, 24.0032, 17.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 51, 0) }
```

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

```
.background{ background-color: rgb(133, 51,  
0) }
```

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