

# Converting Colors

HunterLab(24.8451, 28.2519,  
11.2648)

Have a look what the booklet for  
HunterLab(24.8451, 28.2519,  
11.2648) contains.

<b>HunterLab(24.8731, 28.1919, 11.2448)</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(24.8731, 28.1919,  
11.2448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	802727
RGB	128, 39, 39
RGB Percent	50%, 15%, 15%
CMY	0.4980, 0.8470, 0.8471
CMYK	0.00, 0.70, 0.70, 0.50
HSL	0°, 53%, 33%
HSV	0°, 70%, 50%
XYZ	9.9938, 6.1867, 2.5869
YIQ	65.6110, 53.0440, 18.8680

# Conversions

## Conversions Part 2

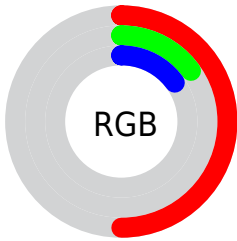
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 39, 39
Decimal	8398631
CIE Lab	29.88, 38.24, 21.61
CIE LCh	30, 43.920, 29.468
Yxy	6.1871, 0.5325, 0.3297
Android (android.graphics.Color)	4286588711 (0xFF802727)
YUV	65.6110, -13.1192, 54.7152
Hunter-Lab	24.8731, 28.1919, 11.2448

# Details

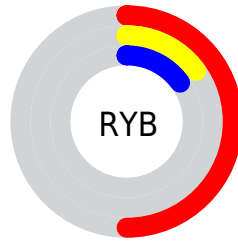
The HunterLab color **24.8731, 28.1919, 11.2448** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **41.7453, -19.8130, -3.6284**, and the grayscale version is **23.2372, -1.2399, 1.2625**.

A 20% lighter version of the original color is **42.8853, 31.1137, 15.3745**, and **11.9015, 20.3818, 7.6905** is the 20% darker color. If you saturate the color by 10%, you get **23.2650, 31.9038, 12.3737**, and if you desaturate by 10%, it is **26.9702, 23.8620, 9.9463**.

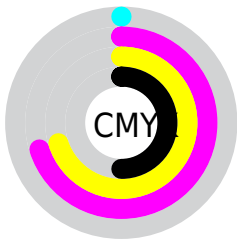
# Distribution



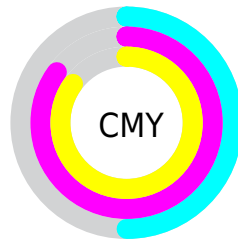
- Red (50%)
- Green (15%)
- Blue (15%)



- Red (50%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (50%)



- Cyan (50%)
- Magenta (85%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.8731, 28.1919, 11.2448 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 24.8731, 28.1919, 11.2448 by changing the saturation by 10% instead.



■ 24.8731, 28.1919,  
11.2448

■ 24.8731, 28.1919,  
11.2448

■ 126.7781, 38.1672,  
27.5210

■ 17.2022, 26.5230,  
8.9888

■ 42.7996, 31.1754,  
15.2879

■ 10.5378, 24.8451,  
7.3764

■ 52.9055, 32.4800,  
17.1607

0.0000, INF, NaN

0.0000, NaN, NaN

■ 63.7013, 33.6685,  
18.9706

0.0000, NaN, NaN

■ 75.1454, 34.7499,  
20.7341

0.0000, NaN, NaN

■ 87.2030, 35.7332,  
22.4631

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.8443, 36.6260,

113.0436, 37.4354,  
25.8507

24.8731, 28.1919,  
11.2448

24.8731, 28.1919,  
11.2448

23.2650, 31.9038,  
12.3737

26.9702, 23.8620,  
9.9463

22.1757, 34.6544,  
13.2166

29.4983, 19.2512,  
8.5835

21.4562, 36.5924,  
13.8141

32.3961, 14.5941,  
7.2318

21.4227, 36.6851,  
13.8428

35.6052, 10.0294,  
5.9335

39.0760, 5.6221,  
4.7067

■ 42.7673, 1.3919,  
3.5552

■ 46.6465, -2.6658,  
2.4751

■ 50.6872, -6.5668,  
1.4591

■ 54.8687, -10.3309,  
0.4991

# Harmonies

## Analogous

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



24.8738, 33.4939, 1.1045



24.8731, 28.1919, 11.2448



24.8738, 14.6277, 15.1309

# Triad

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



24.8738, 28.1896, 11.2452



24.8738, -21.2097, 11.4696



24.8738, -1.5889, -42.9899

# Complementary

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



24.8731, 28.1919, 11.2448



41.7453, -19.8130, -3.6284

# 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.



24.8738, -14.0615, -34.4594



24.8731, 28.1919, 11.2448



24.8738, -23.6628, 1.6009

# Square

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



24.8738, 28.1896, 11.2452



24.8738, -13.7044, 15.1989



24.8738, -21.3799, -15.7254



24.8738, 14.0698, -35.0036



# Rectangle

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



24.8731, 28.1919, 11.2448



24.8738, 4.0221, 16.0225



24.8738, -21.3799, -15.7254



24.8738, -6.2620, -41.9094

# Sweetspot

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



24.8738, 28.1896, 11.2452



50.9263, 8.5836, 6.5553



27.5658, 39.3321, -26.2501



24.1237, 4.7974, 3.3504



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



24.8738, 28.1896, 11.2452



30.0067, 44.4808, 17.0759



33.1647, 8.7009, 17.1567



20.8430, 0.5882, 1.7024



21.3323, 36.5303, 13.7844

0.0000, NaN, NaN



# Inverse Universe

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



41.7453, -19.8130, -3.6284



54.9291, -28.1008, -5.4558



28.7283, -1.4086, -24.4695



22.1062, -2.7827, 0.6636



41.0508, -21.7616, -4.3329

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 24.8731, 28.1919, 11.2448 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 24.8731, 28.1919, 11.2448 Background



This preview shows how black text looks on a background with the HunterLab color 24.8731, 28.1919, 11.2448.



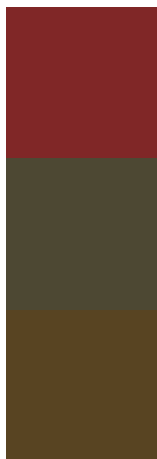
This preview shows how white text looks on a background with the HunterLab color 24.8731, 28.1919,



# 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

24.8731, 28.1919, 11.2448

### Protanopia

25.3999, -2.4565, 8.2974

### Deuteranopia

25.1484, 1.2771, 11.9508



## Tritanopia

24.9005, 28.3092, 10.8441

# Trichromacy



## Original Color

24.8731, 28.1919, 11.2448

## Protanomaly

24.3388, 8.3990, 8.5932

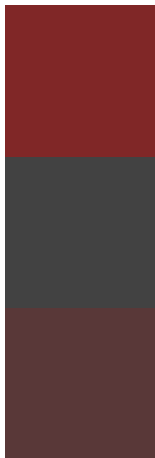
## Deuteranomaly

24.3664, 11.3863, 11.1525

## Tritanomaly

24.8866, 28.2498, 11.0469

# Monochromacy



## Original Color

24.8731, 28.1919, 11.2448

## Achromatopsia

23.3410, -1.2454, 1.2682

## Achromatomaly

22.8861, 8.6792, 4.5616

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.8731, 28.1919, 11.2448 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(128, 39, 39)` looks like.

```
.text, #text, p{  
  color:rgb(128, 39, 39)  
}
```

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(128, 39, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 39, 39) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.8731, 28.1919, 11.2448 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(128, 39, 39) }
```



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

```
.border{ border-color:rgb(128, 39, 39) }
```

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

Here you see how a box with a 4 pixel rgb(128, 39, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 39, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 39, 39);  
box-shadow:4px 4px 4px 4px rgb(128, 39,  
39) }
```

# Background

The CSS property to change the background color of an element to HunterLab 24.8731, 28.1919, 11.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 39, 39) }
```

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

```
.background{ background-color: rgb(128, 39,  
39) }
```

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