

Converting Colors

HunterLab(29.1378, 18.7103,
18.2821)

Have a look what the booklet for
HunterLab(29.1378, 18.7103,
18.2821) contains.

HunterLab(29.2259, 18.7887, 18.3378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(29.2259, 18.7887,
18.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	853F00
RGB	133, 63, 0
RGB Percent	52%, 25%, 0%
CMY	0.4784, 0.7529, 1.0000
CMYK	0.00, 0.53, 1.00, 0.48
HSL	28°, 100%, 26%
HSV	28°, 100%, 52%
XYZ	11.4503, 8.5415, 1.0452
YIQ	76.7480, 61.9430, -4.7530

Conversions

Conversions Part 2

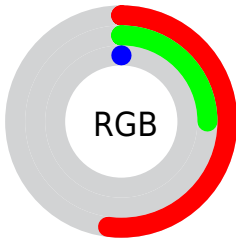
Format	Color
R_{YB}	133, 120, 0
Decimal	8732416
CIE Lab	35.09, 26.74, 45.57
CIE LCh	35, 52.840, 59.597
Yxy	8.5420, 0.5443, 0.4060
Android (android.graphics.Color)	4286922496 (0xFF853F00)
YUV	76.7480, -37.8368, 49.3330
Hunter-Lab	29.2259, 18.7887, 18.3378

Details

The HunterLab color **29.2259, 18.7887, 18.3378** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **24.6442, 3.3991, -38.1405**, and the grayscale version is **27.2683, -1.4550, 1.4815**.

A 20% lighter version of the original color is **48.0029, 20.6799, 25.9285**, and **13.9190, 16.4346, 8.8646** is the 20% darker color. If you saturate the color by 10%, you get **29.2265, 18.7870, 18.3381**, and if you desaturate by 10%, it is **30.6548, 15.8667, 18.4107**.

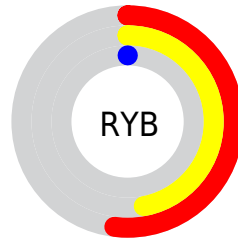
Distribution



Red (52%)

Green (25%)

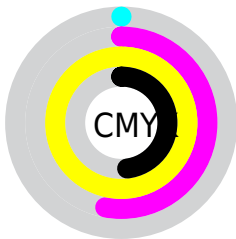
Blue (0%)



Red (52%)

Yellow (47%)

Blue (0%)

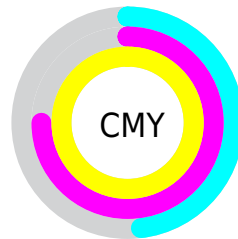


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2259, 18.7887, 18.3378 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 29.2259, 18.7887, 18.3378 by changing the saturation by 10% instead.

■ 29.2259, 18.7887,
18.3378

■ 29.2259, 18.7887,
18.3378

■ 134.1356, 24.1961,
47.4229

■ 21.0800, 17.6441,
14.7560

■ 47.9733, 20.6612,
25.9050

■ 13.8734, 16.3503,
9.7114

■ 58.4441, 21.4233,
29.3579

■ 7.5045, 16.3075,
5.2531

■ 69.5822, 22.0856,
32.6435

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.3498, 22.6579,
35.7919

0.0000, NaN, NaN

■ 93.7149, 23.1487,
38.8271

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.6497, 23.5649,

41.7677

0.0000, NaN, NaN

■ 120.1304, 23.9123,
44.6290

■ 29.2259, 18.7887,
18.3378

■ 29.2259, 18.7887,
18.3378

■ 29.2265, 18.7870,
18.3381

■ 30.6548, 15.8667,
18.4107

■ 32.2057, 13.0330,
18.2084

■ 33.8824, 10.3762,
17.5623

■ 35.6764, 7.9195,
16.4842

■ 37.5787, 5.6724,
15.0001

■ 39.5807, 3.6351,
13.1420

■ 41.6741, 1.8016,
10.9439

■ 43.8514, 0.1621,
8.4391

■ 46.1056, -1.2956,
5.6587

Harmonies

Analogous

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



29.2267, 36.4040, 13.8837



29.2259, 18.7887, 18.3378



29.2267, -1.3096, 19.3729

Triad

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



29.2267, 18.7865, 18.3381



29.2267, -29.3760, 1.8286



29.2267, 18.2413, -46.0147

Complementary

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



29.2259, 18.7887, 18.3378



24.6442, 3.3991, -38.1405

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.



29.2267, -1.8116, -56.8080



29.2259, 18.7887, 18.3378



29.2267, -26.5737, -20.6402

Square

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



29.2267, 18.7865, 18.3381



29.2267, -26.4162, 14.0863



29.2267, -17.5210, -45.4635



29.2267, 36.0379, -21.3390

Rectangle

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



29.2259, 18.7887, 18.3378



29.2267, -12.5959, 18.9389



29.2267, -17.5210, -45.4635



29.2267, 11.4011, -51.8838

Sweetspot

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



29.2267, 18.7865, 18.3381



55.5738, 2.5703, 14.8599



23.3251, 41.8912, -0.0184



25.8978, 1.6246, 7.5707



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.



29.2267, 18.7865, 18.3381



38.7116, 26.0897, 24.3107



45.3574, -10.6396, 27.7627



22.4177, -0.6849, 2.6160



28.5523, 18.2697, 17.9137



2.0659, 0.2756, 1.2778

Inverse Universe

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



24.6442, 3.3991, -38.1405



32.4947, 5.4536, -52.3884



13.3781, 33.7186, -89.5097



22.1811, -1.6202, -0.2621



24.0856, 3.2554, -37.1324



1.8634, -0.5272, -1.1910

Previews

White Background



This preview shows how the HunterLab color 29.2259, 18.7887, 18.3378 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 29.2259, 18.7887, 18.3378 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 29.2259, 18.7887, 18.3378 Background



This preview shows how black text looks on a background with the HunterLab color 29.2259, 18.7887, 18.3378.



This preview shows how white text looks on a background with the HunterLab color 29.2259, 18.7887,

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

29.2259, 18.7887, 18.3378

Protanopia

29.5751, -4.3612, 17.4504

Deuteranopia

29.3176, 1.1872, 18.0862



Tritanopia

29.3900, 24.1999, 9.0468

Trichromacy



Original Color

29.2259, 18.7887, 18.3378

Protanomaly

28.9388, 3.7148, 17.4263

Deuteranomaly

28.9999, 7.4339, 17.9997

Tritanomaly

29.0745, 21.7512, 14.2026

Monochromacy



Original Color

29.2259, 18.7887, 18.3378

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.1990, 3.6009, 10.4889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2259, 18.7887, 18.3378 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, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 63, 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, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 63, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2259, 18.7887, 18.3378 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, 63, 0) }
```


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

```
.border{ border-color:rgb(133, 63, 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, 63, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 63, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 63, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 63, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2259, 18.7887, 18.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 63, 0) }
```

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

```
.background{ background-color: rgb(133, 63,  
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