

Converting Colors

HunterLab(29.5010, 28.5772,
20.1441)

Have a look what the booklet for
HunterLab(29.5010, 28.5772,
20.1441) contains.

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Color

**HunterLab(29.5836, 29.3268,
18.7427)**

Conversions

Conversions Part 1

Format	Color
Hex	943400
RGB	148, 52, 0
RGB Percent	58%, 20%, 0%
CMY	0.4196, 0.7961, 1.0000
CMYK	0.00, 0.65, 1.00, 0.42
HSL	21°, 100%, 29%
HSV	21°, 100%, 58%
XYZ	13.4407, 8.7519, 0.9809
YIQ	74.7760, 73.9080, 4.1800

Conversions

Conversions Part 2

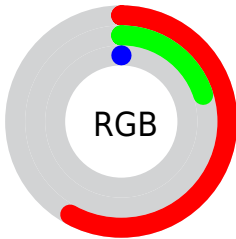
Format	Color
R_{YB}	148, 80, 0
Decimal	9712640
CIE Lab	35.50, 38.50, 47.18
CIE LCh	36, 60.896, 50.786
Yxy	8.7524, 0.5800, 0.3777
Android (android.graphics.Color)	4287902720 (0xFF943400)
YUV	74.7760, -36.8646, 64.2174
Hunter-Lab	29.5836, 29.3268, 18.7427

Details

The HunterLab color **29.5836, 29.3268, 18.7427** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **32.4082, -4.2372, -31.3604**, and the grayscale version is **26.5554, -1.4169, 1.4428**.

A 20% lighter version of the original color is **48.4715, 32.0684, 26.5983**, and **14.5734, 24.9574, 9.4170** is the 20% darker color. If you saturate the color by 10%, you get **29.5843, 29.3245, 18.7431**, and if you desaturate by 10%, it is **31.1966, 25.5034, 18.8248**.

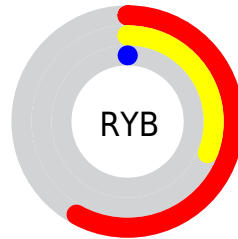
Distribution



Red (58%)

Green (20%)

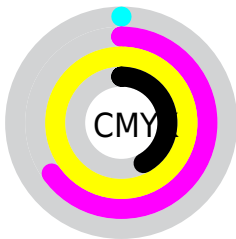
Blue (0%)



Red (58%)

Yellow (31%)

Blue (0%)

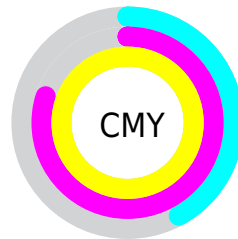


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5836, 29.3268, 18.7427 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 29.5836, 29.3268, 18.7427 by changing the saturation by 10% instead.

■ 29.5836, 29.3268,
18.7427

■ 29.5836, 29.3268,
18.7427

■ 134.7293, 38.8783,
48.6656

■ 21.4010, 27.7056,
14.9807

■ 48.3950, 32.1878,
26.5281

■ 14.1529, 26.0052,
9.9070

■ 58.8945, 33.4361,
30.0834

■ 7.8053, 25.5988,
5.4637

■ 70.0595, 34.5734,
33.4662

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.8526, 35.6086,
36.7070

0.0000, NaN, NaN

■ 94.2418, 36.5498,
39.8299

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.1999, 37.4044,

42.8541

0.0000, NaN, NaN

120.7028, 38.1787,
45.7952

29.5836, 29.3268,
18.7427

29.5836, 29.3268,
18.7427

29.5843, 29.3245,
18.7431

31.1966, 25.5034,
18.8248

33.0457, 21.6182,
18.5849

35.1235, 17.8284,
17.8655

37.4091, 14.2081,
16.6987

39.8814, 10.7992,
15.1321

■ 42.5207, 7.6195,
13.2169

■ 45.3090, 4.6704,
11.0017

■ 48.2304, 1.9434,
8.5296

■ 51.2710, -0.5757,
5.8376

Harmonies

Analogous

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



29.5845, 47.7865, 12.4363



29.5836, 29.3268, 18.7427



29.5845, 5.3282, 20.5547

Triad

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



29.5845, 29.3241, 18.7431



29.5845, -32.3088, 7.2362



29.5845, 14.5517, -63.7102

Complementary

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



29.5836, 29.3268, 18.7427



32.4082, -4.2372, -31.3604

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.



29.5845, -7.9075, -69.3544



29.5836, 29.3268, 18.7427



29.5845, -31.1399, -16.0028

Square

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



29.5845, 29.3241, 18.7431



29.5845, -27.2632, 17.2380



29.5845, -23.4269, -47.8738



29.5845, 37.7064, -35.5575

Rectangle

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



29.5836, 29.3268, 18.7427



29.5845, -8.9202, 20.5140



29.5845, -23.4269, -47.8738



29.5845, 6.5536, -68.8288

Sweetspot

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



29.5845, 29.3241, 18.7431



59.9580, 6.4304, 14.8006



26.7285, 48.9464, -7.3282



27.9608, 3.7753, 7.6267



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



29.5845, 29.3241, 18.7431



38.9195, 39.9829, 24.6820



46.0070, -4.2812, 28.2743



24.7567, -0.3690, 2.6981



27.4287, 26.8683, 17.3718



3.7898, 1.2138, 2.3565

Inverse Universe

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



32.4082, -4.2372, -31.3604



42.6611, -5.0117, -42.5039



16.4914, 32.1438, -90.0016



24.9453, -2.1919, -0.0445



30.0390, -4.0537, -28.7954



4.0740, -1.5346, -1.7793

Previews

White Background



This preview shows how the HunterLab color 29.5836, 29.3268, 18.7427 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 29.5836, 29.3268, 18.7427 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 29.5836, 29.3268, 18.7427 Background



This preview shows how black text looks on a background with the HunterLab color 29.5836, 29.3268, 18.7427.



This preview shows how white text looks on a background with the HunterLab color 29.5836, 29.3268,

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

29.5836, 29.3268, 18.7427

Protanopia

29.9406, -4.3794, 17.4776

Deuteranopia

29.7710, 1.4554, 18.3702



Tritanopia

29.5677, 33.0698, 12.5181

Trichromacy



Original Color

29.5836, 29.3268, 18.7427

Protanomaly

28.9213, 7.2604, 17.3596

Deuteranomaly

29.1854, 11.4084, 18.1836

Tritanomaly

29.4796, 31.6883, 15.9716

Monochromacy



Original Color

29.5836, 29.3268, 18.7427

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.5565, 7.4336, 10.2511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5836, 29.3268, 18.7427 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(148, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 52, 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(148, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 52, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5836, 29.3268, 18.7427 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(148, 52, 0) }
```


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

```
.border{ border-color:rgb(148, 52, 0) }
```

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

Here you see how a box with a 4 pixel rgb(148, 52, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 52, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 52, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 52, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5836, 29.3268, 18.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 52, 0) }
```

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

```
.background{ background-color: rgb(148, 52,  
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](#).

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