

Converting Colors

HunterLab(29.0205, 31.1309,
20.3143)

Have a look what the booklet for
HunterLab(29.0205, 31.1309,
20.3143) contains.

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Color

**HunterLab(29.0217, 31.6970,
18.4379)**

Conversions

Conversions Part 1

Format	Color
Hex	952F00
RGB	149, 47, 0
RGB Percent	58%, 18%, 0%
CMY	0.4157, 0.8157, 1.0000
CMYK	0.00, 0.68, 1.00, 0.42
HSL	19°, 100%, 29%
HSV	19°, 100%, 58%
XYZ	13.4109, 8.4226, 0.9189
YIQ	72.1400, 75.8790, 7.0070

Conversions

Conversions Part 2

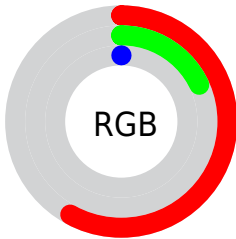
Format	Color
R_{YB}	149, 69, 0
Decimal	9776896
CIE Lab	34.85, 41.13, 46.94
CIE LCh	35, 62.407, 48.776
Yxy	8.4231, 0.5894, 0.3702
Android (android.graphics.Color)	4287966976 (0xFF952F00)
YUV	72.1400, -35.5650, 67.4062
Hunter-Lab	29.0217, 31.6970, 18.4379

Details

The HunterLab color **29.0217, 31.6970, 18.4379** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **34.1638, -6.6206, -28.4096**, and the grayscale version is **25.6107, -1.3665, 1.3915**.

A 20% lighter version of the original color is **47.6102, 34.8635, 26.1896**, and **14.7433, 25.2484, 9.5268** is the 20% darker color. If you saturate the color by 10%, you get **29.0223, 31.6947, 18.4383**, and if you desaturate by 10%, it is **30.6111, 27.7946, 18.4807**.

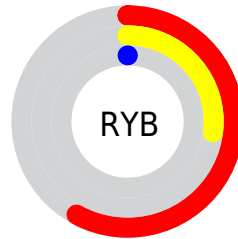
Distribution



Red (58%)

Green (18%)

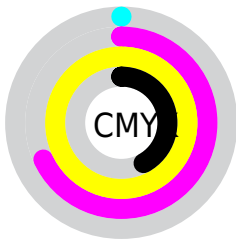
Blue (0%)



Red (58%)

Yellow (27%)

Blue (0%)

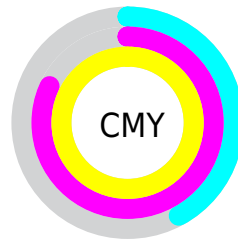


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0217, 31.6970, 18.4379 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 29.0217, 31.6970, 18.4379 by changing the saturation by 10% instead.

■ 29.0217, 31.6970,
18.4379

■ 29.0217, 31.6970,
18.4379

■ 133.7961, 42.1808,
48.3113

■ 20.8970, 29.9819,
14.6279

■ 47.7324, 34.7726,
26.2191

■ 13.7143, 28.2228,
9.6000

■ 58.1868, 36.1300,
29.7703

■ 7.3267, 28.8170,
5.1287

■ 69.3095, 37.3747,
33.1477

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.0625, 38.5151,
36.3821

0.0000, NaN, NaN

■ 93.4136, 39.5591,
39.4982


0.0000, NaN, NaN

■ 106.3352, 40.5139,

0.0000, NaN, NaN


42.5151


0.0000, NaN, NaN


 119.8032, 41.3859,
45.4486


 29.0217, 31.6970,
18.4379


 29.0217, 31.6970,
18.4379


 29.0223, 31.6947,
18.4383

 30.6111, 27.7946,
18.4807

 32.4730, 23.7428,
18.2068

 34.5970, 19.7289,
17.4607

 36.9580, 15.8515,
16.2809

 39.5308, 12.1691,
14.7213

■ 42.2914, 8.7096,
12.8378

■ 45.2184, 5.4800,
10.6814

■ 48.2930, 2.4739,
8.2962

■ 51.4989, -0.3222,
5.7185

Harmonies

Analogous

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



29.0226, 49.9720, 11.7328



29.0217, 31.6970, 18.4379



29.0226, 7.0987, 20.3158

Triad

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



29.0226, 31.6942, 18.4383



29.0226, -32.3565, 8.3384



29.0226, 13.2666, -67.5680

Complementary

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



29.0217, 31.6970, 18.4379



34.1638, -6.6206, -28.4096

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.



29.0226, -9.2915, -71.4458



29.0217, 31.6970, 18.4379



29.0226, -31.6016, -14.4747

Square

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



29.0226, 31.6942, 18.4383



29.0226, -26.8941, 17.5122



29.0226, -24.3924, -47.5019



29.0226, 37.3440, -39.0906

Rectangle

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



29.0217, 31.6970, 18.4379



29.0226, -7.6927, 20.3158



29.0226, -24.3924, -47.5019



29.0226, 5.1501, -72.3044

Sweetspot

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



29.0226, 31.6942, 18.4383



60.2682, 7.5885, 14.4797



27.1940, 50.2679, -11.0920



27.6617, 4.3318, 7.3476



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.



29.0226, 31.6942, 18.4383



38.4645, 43.4730, 24.4627



44.3067, -0.9303, 27.2852



24.6906, -0.2565, 2.6257



26.7164, 28.8225, 16.9671



3.6834, 1.4340, 2.2948

Inverse Universe

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



34.1638, -6.6206, -28.4096



45.3526, -8.3001, -38.7693



17.5740, 29.0102, -84.5902



25.0135, -2.3027, 0.0375



31.4292, -6.2058, -25.8872



4.1704, -1.6627, -1.6235

Previews

White Background



This preview shows how the HunterLab color 29.0217, 31.6970, 18.4379 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 29.0217, 31.6970, 18.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

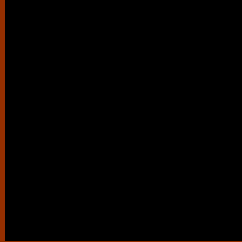
Any Text WCAG AA × Fail

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 29.0217, 31.6970, 18.4379 Background



This preview shows how black text looks on a background with the HunterLab color 29.0217, 31.6970, 18.4379.



This preview shows how white text looks on a background with the HunterLab color 29.0217, 31.6970,

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

29.0217, 31.6970, 18.4379

Protanopia

29.3319, -3.8462, 17.0160

Deuteranopia

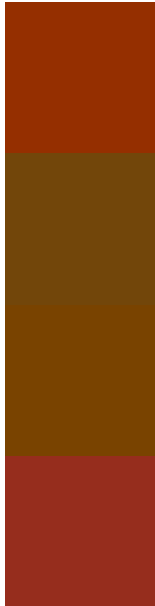
29.3176, 1.1872, 18.0862



Tritanopia

29.1250, 34.6592, 13.2916

Trichromacy



Original Color

29.0217, 31.6970, 18.4379

Protanomaly

28.2483, 8.6014, 16.9543

Deuteranomaly

28.4240, 12.3806, 17.7315

Tritanomaly

29.0680, 33.4917, 16.1270

Monochromacy



Original Color

29.0217, 31.6970, 18.4379

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.4197, 8.3653, 9.7811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0217, 31.6970, 18.4379 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(149, 47, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 47, 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(149, 47, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 47, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0217, 31.6970, 18.4379 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(149, 47, 0) }
```


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

```
.border{ border-color:rgb(149, 47, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 47, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 47, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 47, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 47, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0217, 31.6970, 18.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 47, 0) }
```

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

```
.background{ background-color: rgb(149, 47,  
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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