

Converting Colors

HunterLab(29.8200, 13.3161,
18.6081)

Have a look what the booklet for
HunterLab(29.8200, 13.3161,
18.6081) contains.

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Color

**HunterLab(29.8200, 13.3161,
18.6081)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4600
RGB	127, 70, 0
RGB Percent	50%, 27%, 0%
CMY	0.5020, 0.7255, 1.0000
CMYK	0.00, 0.45, 1.00, 0.50
HSL	33°, 100%, 25%
HSV	33°, 100%, 50%
XYZ	10.9425, 8.8923, 1.1396
YIQ	79.0630, 56.4420, -9.6860

Conversions

Conversions Part 2

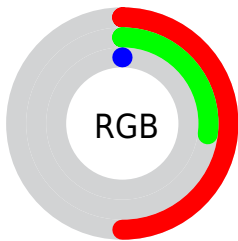
Format	Color
R_{YB}	103, 127, 0
Decimal	8340992
CIE Lab	35.78, 20.06, 45.52
CIE LCh	36, 49.745, 66.216
Yxy	8.8928, 0.5217, 0.4240
Android (android.graphics.Color)	4286531072 (0xFF7F4600)
YUV	79.0630, -38.9781, 42.0407
Hunter-Lab	29.8200, 13.3161, 18.6081

Details

The HunterLab color **29.8200, 13.3161, 18.6081** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **21.1147, 7.8017, -43.2328**, and the grayscale version is **28.1072, -1.4997, 1.5271**.

A 20% lighter version of the original color is **48.7493, 14.4560, 26.1958**, and **14.4166, 11.5185, 9.0851** is the 20% darker color. If you saturate the color by 10%, you get **29.8206, 13.3145, 18.6084**, and if you desaturate by 10%, it is **31.0941, 10.9548, 18.6448**.

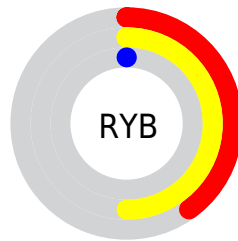
Distribution



Red (50%)

Green (27%)

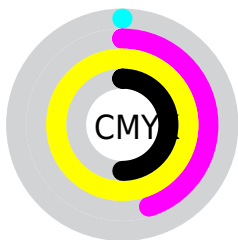
Blue (0%)



Red (40%)

Yellow (50%)

Blue (0%)

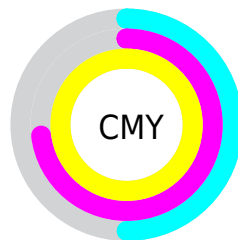


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8200, 13.3161, 18.6081 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 29.8200, 13.3161, 18.6081 by changing the saturation by 10% instead.

■ 29.8200, 13.3161,
18.6081

■ 29.8200, 13.3161,
18.6081

■ 135.1207, 16.1093,
47.5750

■ 21.6132, 12.5172,
15.1293

■ 48.6734, 14.5286,
26.1329

■ 14.3378, 11.5647,
10.0365

■ 59.1916, 14.9796,
29.5694

■ 7.9972, 11.1018,
5.5981

■ 70.3743, 15.3428,
32.8411

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.1841, 15.6274,
35.9778

0.0000, NaN, NaN

■ 94.5893, 15.8407,
39.0028

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.5626, 15.9889,


41.9346


0.0000, NaN, NaN


 121.0801, 16.0770,
44.7880

 29.8200, 13.3161,
18.6081

 29.8200, 13.3161,
18.6081


 29.8206, 13.3145,
18.6084

 31.0941, 10.9548,
18.6448

 32.4482, 8.7038,
18.4245

 33.8905, 6.6359,
17.7762

 35.4166, 4.7636,
16.7020

 37.0218, 3.0908,
15.2173

■ 38.7013, 1.6156,
13.3445

■ 40.4502, 0.3322,
11.1097

■ 42.2640, -0.7678,
8.5400

■ 44.1381, -1.6944,
5.6624

Harmonies

Analogous

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



29.8208, 30.9046, 15.0645



29.8200, 13.3161, 18.6081



29.8208, -5.1682, 19.1742

Triad

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



29.8208, 13.3141, 18.6084



29.8208, -28.3230, -2.0759



29.8208, 21.1435, -37.7638

Complementary

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



29.8200, 13.3161, 18.6081



21.1147, 7.8017, -43.2328

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.



29.8208, 2.1595, -51.3656



29.8200, 13.3161, 18.6081



29.8208, -24.2733, -24.3383

Square

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



29.8208, 13.3141, 18.6084



29.8208, -26.6656, 11.9039



29.8208, -14.0468, -45.3949



29.8208, 36.1086, -14.4908

Rectangle

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



29.8200, 13.3161, 18.6081



29.8208, -15.1146, 18.4669



29.8208, -14.0468, -45.3949



29.8208, 14.8722, -44.0876

Sweetspot

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



29.8208, 13.3141, 18.6084



53.9601, 0.5592, 15.0963



21.9293, 38.9080, 3.6748



25.7035, 0.5548, 7.8386



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.



29.8208, 13.3141, 18.6084



39.5276, 18.6401, 24.6830



43.8387, -13.9091, 26.7696



21.6943, -0.8663, 2.6392



29.9430, 13.3814, 18.6850

0.0000, NaN, NaN

Inverse Universe

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



21.1147, 7.8017, -43.2328



27.7371, 11.5332, -59.5657



12.5432, 33.6955, -86.5891



21.2244, -1.3545, -0.3911

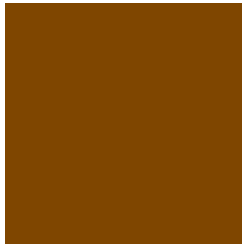


21.1980, 7.8488, -43.4389

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 29.8200, 13.3161, 18.6081 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 29.8200, 13.3161, 18.6081 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 29.8200, 13.3161, 18.6081 Background



This preview shows how black text looks on a background with the HunterLab color 29.8200, 13.3161, 18.6081.



This preview shows how white text looks on a background with the HunterLab color 29.8200, 13.3161,

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

29.8200, 13.3161, 18.6081

Protanopia

30.0095, -4.1754, 17.8513

Deuteranopia

30.0178, 1.0219, 18.5147



Tritanopia

29.8160, 19.9564, 7.1996

Trichromacy



Original Color

29.8200, 13.3161, 18.6081

Protanomaly

29.7931, 1.5740, 18.0430

Deuteranomaly

29.8080, 5.2839, 18.4600

Tritanomaly

29.6529, 16.6283, 13.5992

Monochromacy



Original Color

29.8200, 13.3161, 18.6081

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.0820, 1.6062, 10.9610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8200, 13.3161, 18.6081 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(127, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 70, 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(127, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 70, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8200, 13.3161, 18.6081 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(127, 70, 0) }
```


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

```
.border{ border-color:rgb(127, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(127, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8200, 13.3161, 18.6081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 70, 0) }
```

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

```
.background{ background-color: rgb(127, 70,  
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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