

Converting Colors

HunterLab(29.7257, 30.4598,
18.6646)

Have a look what the booklet for
HunterLab(29.7257, 30.4598,
18.6646) contains.

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Color

**HunterLab(29.7628, 30.5471,
18.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	963303
RGB	150, 51, 3
RGB Percent	59%, 20%, 1%
CMY	0.4118, 0.8000, 0.9882
CMYK	0.00, 0.66, 0.98, 0.41
HSL	20°, 96%, 30%
HSV	20°, 98%, 59%
XYZ	13.7779, 8.8582, 1.0698
YIQ	75.1290, 74.4120, 6.0600

Conversions

Conversions Part 2

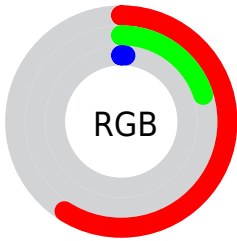
Format	Color
R_{YB}	150, 74, 3
Decimal	9843459
CIE Lab	35.71, 39.76, 46.32
CIE LCh	36, 61.046, 49.355
Yxy	8.8588, 0.5812, 0.3737
Android (android.graphics.Color)	4288033539 (0xFF963303)
YUV	75.1290, -35.5596, 65.6619
Hunter-Lab	29.7628, 30.5471, 18.7029

Details

The HunterLab color **29.7628, 30.5471, 18.7029** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **34.2388, -6.2547, -28.9770**, and the grayscale version is **26.6770, -1.4234, 1.4494**.

A 20% lighter version of the original color is **48.5983, 33.5207, 26.2751**, and **14.9136, 25.5399, 9.6368** is the 20% darker color. If you saturate the color by 10%, you get **29.4608, 31.3008, 18.7016**, and if you desaturate by 10%, it is **31.4271, 26.5716, 18.7507**.

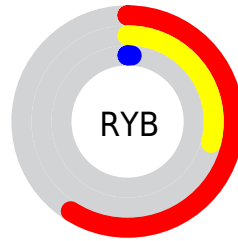
Distribution



Red (59%)

Green (20%)

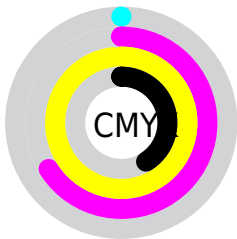
Blue (1%)



Red (59%)

Yellow (29%)

Blue (1%)

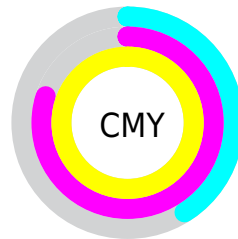


Cyan (0%)

Magenta (66%)

Yellow (98%)

Black (41%)



Cyan (41%)

Magenta (80%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7628, 30.5471, 18.7029 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 29.7628, 30.5471, 18.7029 by changing the saturation by 10% instead.

■ 29.7628, 30.5471,
18.7029

■ 29.7628, 30.5471,
18.7029

■ 135.0262, 40.5032,
48.1208

■ 21.5619, 28.8849,
15.0934

■ 48.6061, 33.4996,
26.3499

■ 14.2931, 27.1543,
10.0052

■ 59.1198, 34.7948,
29.8423

■ 7.9513, 26.5580,
5.5659

■ 70.2983, 35.9785,
33.1664

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.1040, 37.0594,
36.3523

0.0000, NaN, NaN

■ 94.5054, 38.0455,
39.4236


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.4750, 38.9440,


42.3992


0.0000, NaN, NaN


 120.9890, 39.7614,
45.2942

 29.7628, 30.5471,
18.7029


 29.7628, 30.5471,
18.7029

 29.4608, 31.3008,
18.7016

 31.4271, 26.5716,
18.7507

 33.3570, 22.5281,
18.3913

 35.5366, 18.5638,
17.5569

 37.9416, 14.7621,
16.2891

 40.5480, 11.1701,
14.6416

■ 43.3334, 7.8081,
12.6690

■ 46.2776, 4.6782,
10.4211

■ 49.3631, 1.7717,
7.9408

■ 52.5746, -0.9265,
5.2638

Harmonies

Analogous

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



29.7637, 48.5427, 11.9569



29.7628, 30.5471, 18.7029



29.7637, 6.4691, 20.6152

Triad

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



29.7637, 30.5443, 18.7033



29.7637, -32.3752, 8.0278



29.7637, 13.4468, -64.8546

Complementary

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



29.7628, 30.5471, 18.7029



34.2388, -6.2547, -28.9770

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.



29.7637, -8.8730, -69.1267



29.7628, 30.5471, 18.7029



29.7637, -31.4913, -14.6532

Square

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



29.7637, 30.5443, 18.7033



29.7637, -26.9820, 17.5675



29.7637, -24.0809, -46.5797



29.7637, 36.8868, -37.2597

Rectangle

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



29.7628, 30.5471, 18.7029



29.7637, -8.0380, 20.6485



29.7637, -24.0809, -46.5797



29.7637, 5.4591, -69.5594

Sweetspot

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



29.7637, 30.5443, 18.7033



60.8498, 6.8484, 14.3353



27.4544, 50.0065, -10.1753



27.9290, 3.9715, 7.3008



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.



29.7637, 30.5443, 18.7033



38.7686, 42.6126, 24.6350



45.4630, -2.2788, 27.8618



24.7110, -0.2913, 2.6481



26.9297, 28.2298, 17.0882



3.7166, 1.3645, 2.3140

Inverse Universe

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



34.2388, -6.2547, -28.9770



44.7074, -7.3054, -40.1101



17.7409, 29.3782, -84.9832



24.9924, -2.2684, 0.0122



30.9966, -5.5454, -26.7721



4.1409, -1.6236, -1.6707

Previews

White Background



This preview shows how the HunterLab color 29.7628, 30.5471, 18.7029 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 29.7628, 30.5471, 18.7029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

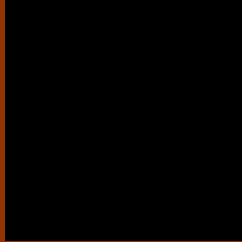
Any Text WCAG AA × Fail

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 29.7628, 30.5471, 18.7029 Background



This preview shows how black text looks on a background with the HunterLab color 29.7628, 30.5471, 18.7029.



This preview shows how white text looks on a background with the HunterLab color 29.7628, 30.5471, 18.7029.

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

29.7628, 30.5471, 18.7029

Protanopia

30.0353, -4.0319, 17.4694

Deuteranopia

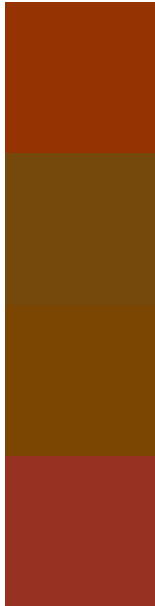
30.0178, 1.0219, 18.5147



Tritanopia

29.8722, 33.7412, 13.0085

Trichromacy



Original Color

29.7628, 30.5471, 18.7029

Protanomaly

29.1586, 8.0186, 17.4640

Deuteranomaly

29.3146, 11.8071, 18.2121

Tritanomaly

29.8090, 32.4785, 16.0749

Monochromacy



Original Color

29.7628, 30.5471, 18.7029

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.3495, 7.9616, 9.8375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7628, 30.5471, 18.7029 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(150, 51, 3)` looks like.

```
.text, #text, p{  
    color:rgb(150, 51, 3)  
}
```

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(150, 51, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 51, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7628, 30.5471, 18.7029 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(150, 51, 3) }
```


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

```
.border{ border-color:rgb(150, 51, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 51, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 51, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 51, 3);  
box-shadow:4px 4px 4px 4px rgb(150, 51, 3)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7628, 30.5471, 18.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 51, 3) }
```

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

```
.background{ background-color: rgb(150, 51,  
3) }
```

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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