

Converting Colors

HunterLab(29.2130, 10.9842,
16.0184)

Have a look what the booklet for
HunterLab(29.2130, 10.9842,
16.0184) contains.

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Color

**HunterLab(29.2974, 10.9271,
16.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	78471C
RGB	120, 71, 28
RGB Percent	47%, 28%, 11%
CMY	0.5294, 0.7216, 0.8902
CMYK	0.00, 0.41, 0.77, 0.53
HSL	28°, 62%, 29%
HSV	28°, 77%, 47%
XYZ	10.2086, 8.5834, 2.2173
YIQ	80.7490, 43.0070, -2.9850

Conversions

Conversions Part 2

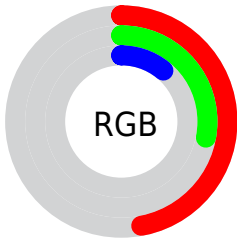
Format	Color
R_{YB}	120, 109, 28
Decimal	7882524
CIE Lab	35.17, 17.11, 33.61
CIE LCh	35, 37.713, 63.016
Yxy	8.5838, 0.4859, 0.4086
Android (android.graphics.Color)	4286072604 (0xFF78471C)
YUV	80.7490, -26.0053, 34.4231
Hunter-Lab	29.2974, 10.9271, 16.0209

Details

The HunterLab color **29.2974, 10.9271, 16.0209** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **26.2875, -1.7117, -23.9090**, and the grayscale version is **28.6749, -1.5300, 1.5580**.

A 20% lighter version of the original color is **48.1222, 11.6977, 21.8754**, and **14.0611, 9.7530, 8.8352** is the 20% darker color. If you saturate the color by 10%, you get **27.8689, 13.4050, 16.3643**, and if you desaturate by 10%, it is **30.8373, 8.6093, 15.2925**.

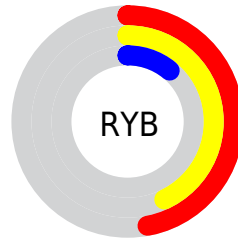
Distribution



Red (47%)

Green (28%)

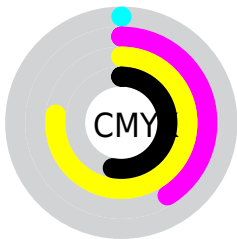
Blue (11%)



Red (47%)

Yellow (43%)

Blue (11%)

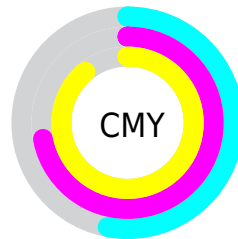


Cyan (0%)

Magenta (41%)

Yellow (77%)

Black (53%)



Cyan (53%)

Magenta (72%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2974, 10.9271, 16.0209 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 29.2974, 10.9271, 16.0209 by changing the saturation by 10% instead.

■ 29.2974, 10.9271,
16.0209

■ 29.2974, 10.9271,
16.0209

■ 134.2543, 12.5912,
38.4801

■ 21.1441, 10.2810,
12.8817

■ 48.0575, 11.8527,
21.7628

■ 13.9292, 9.4846,
9.7504

■ 58.5341, 12.1693,
24.3952

■ 7.5656, 9.5883,
5.2959

■ 69.6776, 12.4035,
26.9152

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.4503, 12.5641,
29.3464

0.0000, NaN, NaN

■ 93.8202, 12.6580,
31.7063

0.0000, NaN, NaN

■ 106.7597, 12.6908,

0.0000, NaN, NaN

34.0086

0.0000, NaN, NaN

120.2448, 12.6672,
36.2638

29.2974, 10.9271,
16.0209

29.2974, 10.9271,
16.0209

27.8689, 13.4050,
16.3643

30.8373, 8.6093,
15.2925

26.5525, 15.9980,
16.3850

32.4782, 6.4725,
14.1951

26.1346, 16.8563,
16.3991

34.2130, 4.5201,
12.7550

36.0340, 2.7500,
11.0014

37.9339, 1.1557,
8.9642

■ 39.9062, -0.2723,
6.6719

■ 41.9449, -1.5449,
4.1506

■ 44.0448, -2.6735,
1.4239

■ 46.2011, -3.6696,
-1.4873

Harmonies

Analogous

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



29.2982, 23.0273, 11.9716



29.2974, 10.9271, 16.0209



29.2982, -2.8943, 16.9480

Triad

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



29.2982, 10.9254, 16.0212



29.2982, -22.9270, 0.2897



29.2982, 13.6627, -26.9048

Complementary

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



29.2974, 10.9271, 16.0209



26.2875, -1.7117, -23.9090

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.



29.2982, -0.2112, -34.4377



29.2974, 10.9271, 16.0209



29.2982, -20.0262, -14.9384

Square

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



29.2982, 10.9254, 16.0212



29.2982, -21.0003, 10.6038



29.2982, -12.2598, -29.2990



29.2982, 24.7949, -11.6835

Rectangle

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



29.2974, 10.9271, 16.0209



29.2982, -10.8825, 16.2878



29.2982, -12.2598, -29.2990



29.2982, 9.0857, -30.6648

Sweetspot

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



29.2982, 10.9254, 16.0212



51.1098, 0.9224, 10.9800



23.1525, 32.7479, -3.1722



24.5041, 0.7359, 5.7728



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



29.2982, 10.9254, 16.0212



35.6247, 20.3948, 21.7060



40.9681, -9.3502, 23.4906



20.7248, -0.6253, 2.3906



27.2457, 17.7280, 17.0990



58.0833, 42.1375, 36.5284

Inverse Universe

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



26.2875, -1.7117, -23.9090



30.9105, 1.7175, -40.8702



16.0826, 20.2563, -55.2431



20.5281, -1.5089, -0.2101



23.3235, 2.6444, -34.8607



49.2253, 8.9681, -80.8869

Previews

White Background



This preview shows how the HunterLab color 29.2974, 10.9271, 16.0209 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 29.2974, 10.9271, 16.0209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

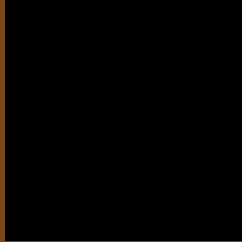
Any Text WCAG AA × Fail

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 29.2974, 10.9271, 16.0209 Background



This preview shows how black text looks on a background with the HunterLab color 29.2974, 10.9271, 16.0209.



This preview shows how white text looks on a background with the HunterLab color 29.2974, 10.9271,

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

29.2974, 10.9271, 16.0209

Protanopia

29.3472, -3.5822, 15.4020

Deuteranopia

29.3346, 1.4841, 16.2430



Tritanopia

29.3374, 16.6254, 6.3211

Trichromacy



Original Color

29.2974, 10.9271, 16.0209

Protanomaly

29.2733, 1.3574, 15.5741

Deuteranomaly

29.2548, 4.9463, 16.1327

Tritanomaly

29.1119, 14.3049, 10.8278

Monochromacy



Original Color

29.2974, 10.9271, 16.0209

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.4402, 1.9635, 8.0581

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2974, 10.9271, 16.0209 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(120, 71, 28)` looks like.

```
.text, #text, p{  
    color:rgb(120, 71, 28)  
}
```

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(120, 71, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 71, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2974, 10.9271, 16.0209 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(120, 71, 28) }
```


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

```
.border{ border-color:rgb(120, 71, 28) }
```

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

Here you see how a box with a 4 pixel rgb(120, 71, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 71, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 71, 28);  
box-shadow:4px 4px 4px 4px rgb(120, 71,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.2974, 10.9271, 16.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 71, 28) }
```

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

```
.background{ background-color: rgb(120, 71,  
28) }
```

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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