

Converting Colors

HunterLab(30.0139, 13.8988,
6.8282)

Have a look what the booklet for
HunterLab(30.0139, 13.8988,
6.8282) contains.

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Color

**HunterLab(29.9240, 14.0621,
6.8739)**

Conversions

Conversions Part 1

Format	Color
Hex	784747
RGB	120, 71, 71
RGB Percent	47%, 28%, 28%
CMY	0.5294, 0.7216, 0.7216
CMYK	0.00, 0.41, 0.41, 0.53
HSL	0°, 26%, 37%
HSV	0°, 41%, 47%
XYZ	11.1363, 8.9545, 7.1027
YIQ	85.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

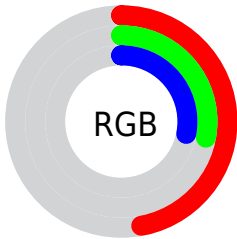
Format	Color
R_{YB}	120, 71, 71
Decimal	7882567
CIE Lab	35.90, 20.97, 8.97
CIE LCh	36, 22.807, 23.152
Yxy	8.9549, 0.4095, 0.3293
Android (android.graphics.Color)	4286072647 (0xFF784747)
YUV	85.6510, -7.2229, 30.1241
Hunter-Lab	29.9240, 14.0621, 6.8739

Details

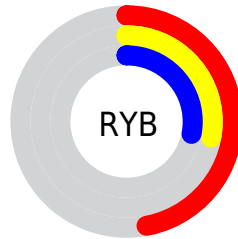
The HunterLab color **29.9240, 14.0621, 6.8739** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **40.1596, -13.8091, -1.7294**, and the grayscale version is **30.3965, -1.6219, 1.6515**.

A 20% lighter version of the original color is **48.7478, 15.3946, 9.0806**, and **14.4494, 12.1847, 4.6090** is the 20% darker color. If you saturate the color by 10%, you get **27.2712, 18.3791, 8.1303**, and if you desaturate by 10%, it is **32.8702, 9.8174, 5.6649**.

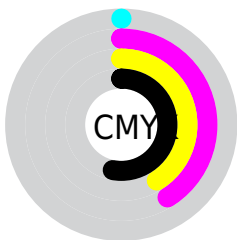
Distribution



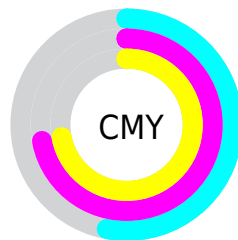
- Red (47%)
- Green (28%)
- Blue (28%)



- Red (47%)
- Yellow (28%)
- Blue (28%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9240, 14.0621, 6.8739 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 29.9240, 14.0621, 6.8739 by changing the saturation by 10% instead.

■ 29.9240, 14.0621,
6.8739

■ 29.9240, 14.0621,
6.8739

135.2927, 17.2027,
16.6207

■ 21.7066, 13.2173,
5.7792

■ 48.7958, 15.3627,
9.0098

■ 14.4193, 12.2181,
4.6363

■ 59.3222, 15.8550,
10.0718

■ 8.0800, 11.6451,
5.0402

■ 70.5127, 16.2578,
11.1379

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.3298, 16.5806,
12.2117

0.0000, NaN, NaN

■ 94.7420, 16.8307,
13.2954

0.0000, NaN, NaN

107.7220, 17.0145,

0.0000, NaN, NaN

14.3907

0.0000, NaN, NaN

121.2459, 17.1370,
15.4989

■ 29.9240, 14.0621,
6.8739

■ 29.9240, 14.0621,
6.8739

■ 27.2712, 18.3791,
8.1303

■ 32.8702, 9.8174,
5.6649

■ 24.9634, 22.6383,
9.3911

■ 36.0611, 5.7151,
4.5202

■ 23.0582, 26.6125,
10.5854

■ 39.4592, 1.7753,
3.4448

■ 21.6055, 29.9941,
11.6137

■ 43.0334, -2.0045,
2.4359

■ 20.6318, 32.4664,
12.3717

■ 46.7593, -5.6378,
1.4869

■ 19.9830, 34.2196,
12.9125

■ 50.6171, -9.1425,
0.5905

■ 54.5910, -12.5371,
-0.2605

■ 58.6683, -15.8385,
-1.0730

■ 62.8385, -19.0622,
-1.8526

Harmonies

Analogous

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



29.9247, 15.4335, -0.1865



29.9240, 14.0621, 6.8739



29.9247, 8.2954, 11.2030

Triad

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



29.9247, 14.0606, 6.8744



29.9247, -13.0389, 9.2026



29.9247, -3.4274, -17.0632

Complementary

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



29.9240, 14.0621, 6.8739



40.1596, -13.8091, -1.7294

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.



29.9247, -10.3532, -12.7677



29.9240, 14.0621, 6.8739



29.9247, -15.5086, 3.3372

Square

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



29.9247, 14.0606, 6.8744



29.9247, -7.4625, 12.2770



29.9247, -14.5801, -4.7808



29.9247, 4.7554, -15.3859

Rectangle

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



29.9240, 14.0621, 6.8739



29.9247, 3.0368, 12.5986



29.9247, -14.5801, -4.7808



29.9247, -5.9674, -16.2391

Sweetspot

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



29.9247, 14.0606, 6.8744



51.6571, 3.1044, 4.7713



31.3937, 21.1895, -13.8432



24.9275, 1.7589, 2.3899



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.



29.9247, 14.0606, 6.8744



36.3770, 24.0124, 10.6762



35.6691, 2.7379, 12.1180



20.0377, 0.5520, 1.6322



20.8719, 35.7419, 13.4869



45.5849, 78.0639, 29.4559

Inverse Universe

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



40.1596, -13.8091, -1.7294



52.6178, -20.7490, -3.1566



33.1217, -3.3912, -11.4580



21.2424, -2.6627, 0.6415



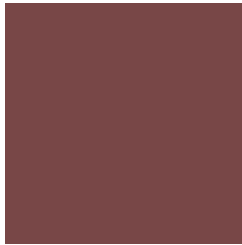
40.1649, -21.2920, -4.2392



87.7221, -46.5027, -9.2591

Previews

White Background



This preview shows how the HunterLab color 29.9240, 14.0621, 6.8739 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 29.9240, 14.0621, 6.8739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

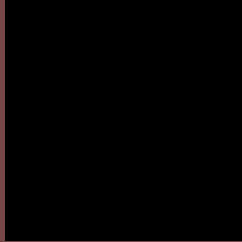
Any Text WCAG AA × Fail

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 29.9240, 14.0621, 6.8739 Background



This preview shows how black text looks on a background with the HunterLab color 29.9240, 14.0621, 6.8739.



This preview shows how white text looks on a background with the HunterLab color 29.9240, 14.0621,

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

29.9240, 14.0621, 6.8739

Protanopia

30.2023, -1.7421, 4.4305

Deuteranopia

30.1942, 1.7671, 7.5808



Tritanopia

29.8017, 14.9659, 5.3824

Trichromacy



Original Color

29.9240, 14.0621, 6.8739

Protanomaly

29.9243, 3.6693, 5.3145

Deuteranomaly

30.0279, 6.2614, 7.1718

Tritanomaly

29.7789, 14.8536, 5.7107

Monochromacy



Original Color

29.9240, 14.0621, 6.8739

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.1258, 3.3594, 3.3015

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9240, 14.0621, 6.8739 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, 71)` looks like.

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

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, 71) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 29.9240, 14.0621, 6.8739 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, 71) }
```


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

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

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, 71)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 29.9240, 14.0621, 6.8739 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, 71) }
```

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

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

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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