

Converting Colors

HunterLab(49.7181, 14.6584,
29.3966)

Have a look what the booklet for
HunterLab(49.7181, 14.6584,
29.3966) contains.

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Color

**HunterLab(49.7148, 14.6345,
29.4254)**

Conversions

Conversions Part 1

Format	Color
Hex	BE791E
RGB	190, 121, 30
RGB Percent	75%, 47%, 12%
CMY	0.2549, 0.5255, 0.8823
CMYK	0.00, 0.36, 0.84, 0.25
HSL	34°, 73%, 43%
HSV	34°, 84%, 75%
XYZ	28.3069, 24.7156, 4.5069
YIQ	131.2570, 70.3350, -13.6730

Conversions

Conversions Part 2

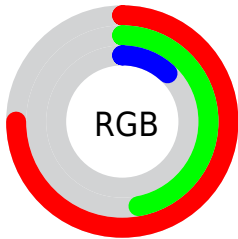
Format	Color
R_{YB}	151, 190, 30
Decimal	12482846
CIE Lab	56.80, 20.12, 56.33
CIE LCh	57, 59.814, 70.345
Yxy	24.7169, 0.4920, 0.4296
Android (android.graphics.Color)	4290672926 (0xFFBE791E)
YUV	131.2570, -49.9197, 51.5176
Hunter-Lab	49.7148, 14.6345, 29.4254

Details

The HunterLab color **49.7148, 14.6345, 29.4254** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **35.9400, 8.0840, -58.0769**, and the grayscale version is **47.9144, -2.5566, 2.6033**.

A 20% lighter version of the original color is **71.4289, 15.6638, 37.4955**, and **30.7572, 13.9453, 19.1965** is the 20% darker color. If you saturate the color by 10%, you get **47.6861, 18.2891, 29.3104**, and if you desaturate by 10%, it is **51.8862, 11.2567, 28.8483**.

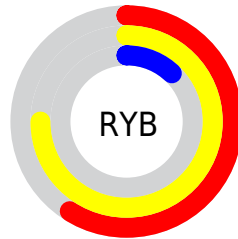
Distribution



Red (75%)

Green (47%)

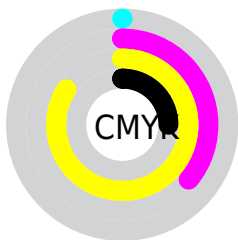
Blue (12%)



Red (59%)

Yellow (75%)

Blue (12%)

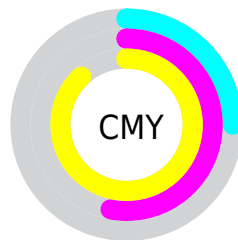


Cyan (0%)

Magenta (36%)

Yellow (84%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7148, 14.6345, 29.4254 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 49.7148, 14.6345, 29.4254 by changing the saturation by 10% instead.

■ 49.7148, 14.6345,
29.4254

■ 49.7148, 14.6345,
29.4254

166.2604, 16.0846,
61.5685

■ 39.8325, 14.0893,
25.0433

■ 71.5525, 15.4332,
37.5215

■ 30.7076, 13.4346,
20.5346

■ 83.4245, 15.7127,
41.2991

■ 22.4107, 12.6492,
15.6875

■ 95.8889, 15.9215,
44.9326

■ 15.0347, 11.7106,
10.5243

■ 108.9188, 16.0657,
48.4433

■ 8.6755, 10.7779,
6.0728

■ 122.4906, 16.1501,
51.8490

0.0000, INF, NaN

0.0000, NaN, NaN

■ 136.5836, 16.1791,

55.1640

0.0000, NaN, NaN

151.1791, 16.1562,
58.4004

0.0000, NaN, NaN

49.7148, 14.6345,
29.4254

49.7148, 14.6345,
29.4254

47.6861, 18.2891,
29.3104

51.8862, 11.2567,
28.8483

46.5687, 20.4820,
29.0540

54.1917, 8.1966,
27.5523

56.6262, 5.4658,
25.5469

59.1826, 3.0666,
22.8605

61.8534, 0.9926,
19.5323

■ 64.6312, -0.7678,
15.6060

■ 67.5092, -2.2301,
11.1270

■ 70.4805, -3.4113,
6.1396

■ 73.5390, -4.3296,
0.6860

Harmonies

Analogous

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



49.7161, 39.7074, 24.1893



49.7148, 14.6345, 29.4254



49.7161, -11.0237, 29.9906

Triad

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



49.7161, 14.6316, 29.4259



49.7161, -41.7645, -6.2584



49.7161, 32.5832, -46.5054

Complementary

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



49.7148, 14.6345, 29.4254



35.9400, 8.0840, -58.0769

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.



49.7161, 6.3059, -66.9008



49.7148, 14.6345, 29.4254



49.7161, -34.3361, -37.1055

Square

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



49.7161, 14.6316, 29.4259



49.7161, -40.4136, 15.7983



49.7161, -17.8618, -62.7983



49.7161, 51.4114, -15.3339

Rectangle

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



49.7148, 14.6345, 29.4254



49.7161, -24.7523, 28.2519



49.7161, -17.8618, -62.7983



49.7161, 24.1349, -55.4105

Sweetspot

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



49.7161, 14.6316, 29.4259



86.5498, -0.7717, 21.6808



35.7534, 57.0905, 3.3158



39.9294, 0.0196, 11.0674



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



49.7161, 14.6316, 29.4259



62.2860, 28.4442, 38.8783



68.2230, -21.7582, 40.5902



32.2686, -1.3284, 4.1019



38.1821, 16.2553, 23.8122



8.3588, 1.5992, 5.1786

Inverse Universe

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



35.9400, 8.0840, -58.0769



41.4515, 22.4779, -100.3341



22.6076, 44.6026, -113.0466



31.4385, -1.9546, -0.7887



25.7442, 12.2049, -58.5250



6.2426, 0.1846, -8.2012

Previews

White Background



This preview shows how the HunterLab color 49.7148, 14.6345, 29.4254 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.7148, 14.6345, 29.4254 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.7148, 14.6345, 29.4254 Background



This preview shows how black text looks on a background with the HunterLab color 49.7148, 14.6345, 29.4254.



This preview shows how white text looks on a background with the HunterLab color 49.7148, 14.6345,

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

49.7148, 14.6345, 29.4254

Protanopia

49.8767, -6.5429, 28.8202

Deuteranopia

49.8057, 3.0522, 29.6487



Tritanopia

49.7924, 27.0849, 9.6165

Trichromacy



Original Color

49.7148, 14.6345, 29.4254

Protanomaly

49.5559, 0.9034, 28.8305

Deuteranomaly

49.8413, 7.2455, 29.6054

Tritanomaly

49.5306, 21.4333, 19.8441

Monochromacy



Original Color

49.7148, 14.6345, 29.4254

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.6049, 1.2775, 16.1673

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7148, 14.6345, 29.4254 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(190, 121, 30)` looks like.

```
.text, #text, p{  
    color:rgb(190, 121, 30)  
}
```

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(190, 121, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 121, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7148, 14.6345, 29.4254 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(190, 121, 30) }
```


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

```
.border{ border-color:rgb(190, 121, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 121, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 121, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 121, 30);  
box-shadow:4px 4px 4px 4px rgb(190, 121,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7148, 14.6345, 29.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 121, 30) }
```

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

```
.background{ background-color: rgb(190,  
121, 30) }
```

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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