

Converting Colors

HunterLab(29.6900, -9.9240,
6.6098)

Have a look what the booklet for
HunterLab(29.6900, -9.9240, 6.6098)
contains.

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Color

**HunterLab(29.6315, -9.7316,
6.4944)**

Conversions

Conversions Part 1

Format	Color
Hex	435946
RGB	67, 89, 70
RGB Percent	26%, 35%, 27%
CMY	0.7373, 0.6510, 0.7255
CMYK	0.25, 0.00, 0.21, 0.65
HSL	128°, 14%, 31%
HSV	128°, 25%, 35%
XYZ	6.9926, 8.7803, 7.1206
YIQ	80.2560, -7.0130, -10.5730

Conversions

Conversions Part 2

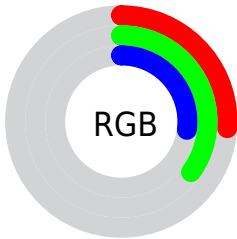
Format	Color
RYB	67, 86, 89
Decimal	4413766
CIELab	35.56, -12.72, 8.32
CIElCh	36, 15.199, 146.832
Yxy	8.7806, 0.3054, 0.3835
Android (android.graphics.Color)	4282603846 (0xFF435946)
YUV	80.2560, -5.0562, -11.6255
Hunter-Lab	29.6315, -9.7316, 6.4944

Details

The HunterLab color **29.6315, -9.7316, 6.4944** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.0965, 7.7312, -3.7875**, and the grayscale version is **28.4358, -1.5173, 1.5450**.

A 20% lighter version of the original color is **48.3922, -12.4898, 8.6011**, and **14.1033, -6.7711, 4.2127** is the 20% darker color. If you saturate the color by 10%, you get **28.9809, -12.5202, 8.2222**, and if you desaturate by 10%, it is **30.3696, -6.6602, 4.6399**.

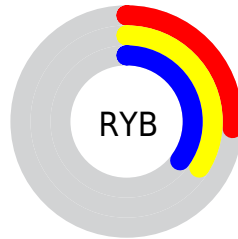
Distribution



Red (26%)

Green (35%)

Blue (27%)



Red (26%)

Yellow (34%)

Blue (35%)

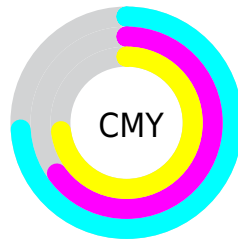


Cyan (25%)

Magenta (0%)

Yellow (21%)

Black (65%)



Cyan (74%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6315, -9.7316, 6.4944 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 29.6315, -9.7316, 6.4944 by changing the saturation by 10% instead.

■ 29.6315, -9.7316,
6.4944

■ 29.6315, -9.7316,
6.4944

■ 134.8083,
-21.2110, 15.9335

■ 21.4438, -8.3597,
5.4492

■ 48.4512, -12.3461,
8.5450

■ 14.1901, -6.9010,
4.3632

■ 58.9544, -13.6202,
9.5695

■ 7.8445, -7.4863,
4.8210

■ 70.1230, -14.8845,
10.6006

0.0000, NaN, NaN

■ 81.9195, -16.1448,
11.6413

0.0000, NaN, NaN

■ 94.3120, -17.4050,
12.6938

0.0000, NaN, NaN

■ 107.2731,

0.0000, NaN, NaN

-18.6681, 13.7593

0.0000, NaN, NaN

120.7789,
-19.9362, 14.8390

■ 29.6315, -9.7316,
6.4944

■ 29.6315, -9.7316,
6.4944

■ 28.9809, -12.5202,
8.2222

■ 30.3696, -6.6602,
4.6399

■ 28.4171, -14.9966,
9.8040

■ 31.1912, -3.3350,
2.6765

■ 27.9410, -17.1383,
11.2236

■ 32.0943, 0.2119,
0.6228

■ 27.5515, -18.9297,
12.4673

■ 33.0754, 3.9492,
-1.5037

■ 27.2459, -20.3644,
13.5251

■ 34.1309, 7.8475,
-3.6873

■ 27.0199, -21.4469,
14.3920

■ 35.2572, 11.8800,
-5.9140

■ 26.8578, -22.2353,
15.0613

■ 36.4503, 16.0227,
-8.1719

■ 26.7806, -22.6060,
15.3265

■ 37.7064, 20.2545,
-10.4510

■ 39.0217, 24.5576,
-12.7429

Harmonies

Analogous

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



29.6321, -6.0964, 9.1009



29.6315, -9.7316, 6.4944



29.6321, -11.1946, 2.1501

Triad

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



29.6321, -9.7322, 6.4947



29.6321, -2.1506, -9.9522



29.6321, 8.1949, 5.7090

Complementary

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



29.6315, -9.7316, 6.4944



26.0965, 7.7312, -3.7875

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.



29.6321, 9.4359, 1.0655



29.6315, -9.7316, 6.4944



29.6321, 3.2185, -8.5468

Square

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



29.6321, -9.7322, 6.4947



29.6321, -7.0174, -7.8323



29.6321, 7.5554, -4.2732



29.6321, 4.2744, 8.7071

Rectangle

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



29.6315, -9.7316, 6.4944



29.6321, -10.8235, -1.3714



29.6321, 7.5554, -4.2732



29.6321, 8.9508, 4.3159

Sweetspot

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



29.6321, -9.7322, 6.4947



40.4865, -5.4740, 4.1516



30.8740, -5.2924, 8.7340



20.3646, -2.8116, 2.1228



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



29.6321, -9.7322, 6.4947



38.1842, -15.0337, 9.9148



29.8857, -8.2800, 2.8520



15.2823, -2.3293, 1.7233



32.5110, -27.5117, 18.7539



77.0014, -65.5454, 45.2487

Inverse Universe

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



26.0965, 7.7312, -3.7875



32.4653, 13.2734, -6.7323



25.7823, 6.1106, 0.6581



14.6488, 0.7903, -0.1165



19.7823, 37.8276, -17.8357



46.7839, 89.2951, -40.9022

Previews

White Background



This preview shows how the HunterLab color 29.6315, -9.7316, 6.4944 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 29.6315, -9.7316, 6.4944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

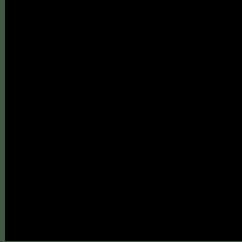
Any Text WCAG AA × Fail

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 29.6315, -9.7316, 6.4944 Background



This preview shows how black text looks on a background with the HunterLab color 29.6315, -9.7316, 6.4944.



This preview shows how white text looks on a background with the HunterLab color 29.6315, -9.7316, 6.4944.

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

29.6315, -9.7316, 6.4944

Protanopia

29.4389, -2.2171, 7.4065

Deuteranopia

29.4822, 2.0626, 5.8734



Tritanopia

29.6403, -4.2825, -2.5259

Trichromacy



Original Color

29.6315, -9.7316, 6.4944

Protanomaly

29.3595, -5.1718, 6.9566

Deuteranomaly

29.2792, -2.6078, 5.9247

Tritanomaly

29.6215, -6.1986, 0.9419

Monochromacy



Original Color

29.6315, -9.7316, 6.4944

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.6429, -4.6359, 3.4151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6315, -9.7316, 6.4944 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(67, 89, 70)` looks like.

```
.text, #text, p{  
    color:rgb(67, 89, 70)  
}
```

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(67, 89, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 89, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6315, -9.7316, 6.4944 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(67, 89, 70) }
```


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

```
.border{ border-color:rgb(67, 89, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 89, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 89, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 89, 70);  
box-shadow:4px 4px 4px 4px rgb(67, 89, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6315, -9.7316, 6.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 89, 70) }
```

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

```
.background{ background-color: rgb(67, 89,  
70) }
```

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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