

Converting Colors

HunterLab(29.0489, -5.0421,
5.0854)

Have a look what the booklet for
HunterLab(29.0489, -5.0421, 5.0854)
contains.

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Color

**HunterLab(28.9818, -4.9351,
4.8769)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5449
RGB	77, 84, 73
RGB Percent	30%, 33%, 29%
CMY	0.6980, 0.6706, 0.7137
CMYK	0.08, 0.00, 0.13, 0.67
HSL	98°, 7%, 31%
HSV	98°, 13%, 33%
XYZ	7.4335, 8.3994, 7.5328
YIQ	80.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

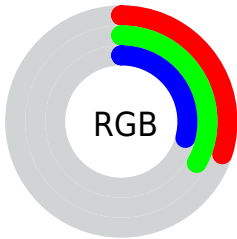
Format	Color
R_YB	73, 84, 80
Decimal	5067849
CIE Lab	34.80, -5.15, 5.49
CIE LCh	35, 7.524, 133.188
Yxy	8.3998, 0.3181, 0.3595
Android (android.graphics.Color)	4283257929 (0xFF4D5449)
YUV	80.6530, -3.7729, -3.2037
Hunter-Lab	28.9818, -4.9351, 4.8769

Details

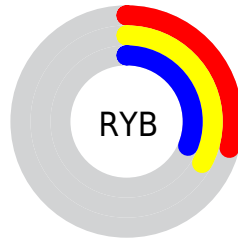
The HunterLab color $28.9818, -4.9351, 4.8769$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $26.6663, 2.1415, -2.1807$, and the grayscale version is $28.5732, -1.5246, 1.5524$.

A 20% lighter version of the original color is $47.8445, -6.7154, 6.5470$, and $13.6495, -3.2963, 3.3039$ is the 20% darker color. If you saturate the color by 10%, you get $28.4297, -7.3092, 7.0867$, and if you desaturate by 10%, it is $29.5812, -2.4032, 2.4246$.

Distribution



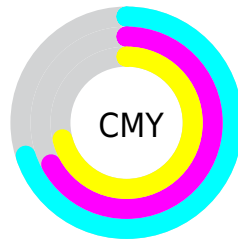
- Red (30%)
- Green (33%)
- Blue (29%)



- Red (29%)
- Yellow (33%)
- Blue (31%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (67%)



- Cyan (70%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9818, -4.9351, 4.8769 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 28.9818, -4.9351, 4.8769 by changing the saturation by 10% instead.

■ 28.9818, -4.9351,
4.8769

■ 28.9818, -4.9351,
4.8769

133.7293,
-12.8685, 13.0002

■ 20.8610, -4.1327,
4.0466

■ 47.6850, -6.5732,
6.5619

■ 13.6830, -3.3284,
3.2090

■ 58.1362, -7.4154,
7.4255

■ 7.2912, -3.4667,
3.5154

■ 69.2558, -8.2757,
8.3067

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.0060, -9.1550,
9.2064

0.0000, NaN, NaN

■ 93.3544, -10.0539,
10.1254

0.0000, NaN, NaN

106.2734,

0.0000, NaN, NaN

-10.9724, 11.0639

0.0000, NaN, NaN

119.7388,
-11.9106, 12.0222

■ 28.9818, -4.9351,
4.8769

■ 28.9818, -4.9351,
4.8769

■ 28.4297, -7.3092,
7.0867

■ 29.5812, -2.4032,
2.4246

■ 27.9239, -9.5103,
9.0414

■ 30.2250, 0.2751,
-0.2582

■ 27.4656, -11.5274,
10.7326

■ 30.9125, 3.0854,
-3.1566

■ 27.0552, -13.3501,
12.1546

■ 31.6422, 6.0142,
-6.2554

■ 26.6924, -14.9705,
13.3063

■ 32.4127, 9.0486,
-9.5394

■ 26.3768, -16.3836,
14.1913

■ 33.2224, 12.1764,
-12.9935

■ 26.1073, -17.5882,
14.8196

■ 34.0696, 15.3862,
-16.6032

■ 25.8799, -18.6004,
15.2399

■ 34.9529, 18.6679,
-20.3546

■ 25.7394, -19.2338,
15.5238

■ 35.8705, 22.0119,
-24.2347

Harmonies

Analogous

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



28.9824, -2.6953, 5.8901



28.9818, -4.9351, 4.8769



28.9824, -6.2418, 2.9377

Triad

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



28.9824, -4.9358, 4.8773



28.9824, -2.9993, -3.4275



28.9824, 3.5535, 2.6562

Complementary

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



28.9818, -4.9351, 4.8769



26.6663, 2.1415, -2.1807

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.



28.9824, 3.4650, 0.1482



28.9818, -4.9351, 4.8769



28.9824, -0.3826, -3.5201

Square

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



28.9824, -4.9358, 4.8773



28.9824, -5.1515, -1.9199



28.9824, 2.0029, -2.1624



28.9824, 2.2407, 4.6871

Rectangle

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



28.9818, -4.9351, 4.8769



28.9824, -6.4368, 1.3082



28.9824, 2.0029, -2.1624



28.9824, 3.6880, 1.8445

Sweetspot

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



28.9824, -4.9358, 4.8773



39.0114, -3.5343, 3.5568



28.4581, -1.3457, 4.3795



19.7252, -1.8807, 1.8903



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.9824, -4.9358, 4.8773



38.0457, -7.6327, 7.4930



28.7371, -5.7533, 4.0694



14.5597, -1.9106, 1.9042



32.2862, -24.4037, 19.4674



77.2289, -59.8954, 46.5395

Inverse Universe

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



26.6663, 2.1415, -2.1807



34.1914, 4.1516, -4.2665



26.9583, 3.0286, -1.1276



13.7914, 0.4357, -0.4344



14.7912, 32.1632, -43.4096



34.7789, 76.3196, -107.4458

Previews

White Background



This preview shows how the HunterLab color 28.9818, -4.9351, 4.8769 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 28.9818, -4.9351, 4.8769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

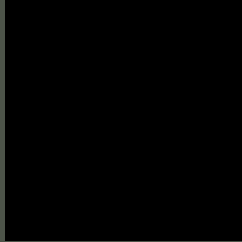
Any Text WCAG AA × Fail

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 28.9818, -4.9351, 4.8769 Background



This preview shows how black text looks on a background with the HunterLab color 28.9818, -4.9351, 4.8769.



This preview shows how white text looks on a background with the HunterLab color 28.9818, -4.9351, 4.8769.

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

28.9818, -4.9351, 4.8769

Protanopia

28.8638, -1.3478, 5.1685

Deuteranopia

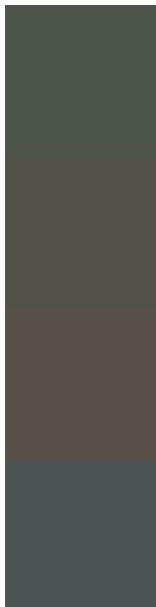
28.9166, 1.5303, 4.5615



Tritanopia

28.9852, -1.4380, -1.0500

Trichromacy



Original Color

28.9818, -4.9351, 4.8769

Protanomaly

28.8816, -2.6182, 5.1650

Deuteranomaly

28.9923, -0.8112, 4.6018

Tritanomaly

29.0357, -2.8830, 1.1306

Monochromacy



Original Color

28.9818, -4.9351, 4.8769

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.7926, -2.6463, 2.8533

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9818, -4.9351, 4.8769 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(77, 84, 73)` looks like.

```
.text, #text, p{  
    color:rgb(77, 84, 73)  
}
```

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(77, 84, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 84, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9818, -4.9351, 4.8769 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(77, 84, 73) }
```


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

```
.border{ border-color:rgb(77, 84, 73) }
```

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

Here you see how a box with a 4 pixel rgb(77, 84, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 84, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 84, 73);  
box-shadow:4px 4px 4px 4px rgb(77, 84, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.9818, -4.9351, 4.8769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 84, 73) }
```

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

```
.background{ background-color: rgb(77, 84,  
73) }
```

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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