

Converting Colors

HunterLab(30.9713, -8.6308,
5.7631)

Have a look what the booklet for
HunterLab(30.9713, -8.6308, 5.7631)
contains.

HunterLab(30.9719, -8.7900, 5.8417)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.9719, -8.7900,
5.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	495C4C
RGB	73, 92, 76
RGB Percent	29%, 36%, 30%
CMY	0.7137, 0.6392, 0.7020
CMYK	0.21, 0.00, 0.17, 0.64
HSL	129°, 12%, 32%
HSV	129°, 21%, 36%
XYZ	7.8793, 9.5926, 8.2738
YIQ	84.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

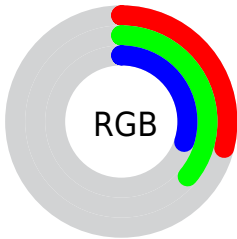
Format	Color
R_{YB}	73, 89, 92
Decimal	4807756
CIE _{Lab}	37.10, -10.87, 6.84
CIE _{LCh}	37, 12.844, 147.810
Yxy	9.5930, 0.3060, 0.3726
Android (android.graphics.Color)	4282997836 (0xFF495C4C)
YUV	84.4950, -4.1880, -10.0811
Hunter-Lab	30.9719, -8.7900, 5.8417

Details

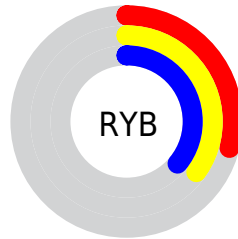
The HunterLab color $30.9719, -8.7900, 5.8417$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $27.8602, 6.3429, -2.8359$, and the grayscale version is $29.9726, -1.5993, 1.6285$.

A 20% lighter version of the original color is $49.9642, -10.9822, 7.5721$, and $15.2299, -6.2072, 3.9561$ is the 20% darker color. If you saturate the color by 10%, you get $30.2629, -11.7907, 7.6475$, and if you desaturate by 10%, it is $31.7706, -5.5110, 3.9239$.

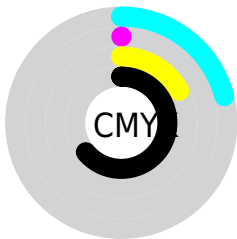
Distribution



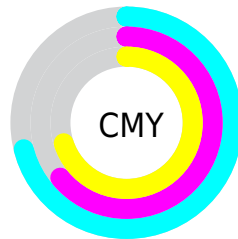
- Red (29%)
- Green (36%)
- Blue (30%)



- Red (29%)
- Yellow (35%)
- Blue (36%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (64%)



- Cyan (71%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9719, -8.7900, 5.8417 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 30.9719, -8.7900, 5.8417 by changing the saturation by 10% instead.

■ 30.9719, -8.7900,
5.8417

■ 30.9719, -8.7900,
5.8417

137.0190,
-19.3924, 14.6152

■ 22.6494, -7.5674,
4.9112

■ 50.0271, -11.1561,
7.7025

■ 15.2437, -6.2860,
3.9617

■ 60.6358, -12.3224,
8.6450

■ 8.8669, -5.8152,
3.6813

■ 71.9035, -13.4870,
9.6003

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.7939, -14.6538,
10.5702

0.0000, NaN, NaN

■ 96.2759, -15.8259,
11.5560

0.0000, NaN, NaN

109.3225,

0.0000, NaN, NaN

-17.0054, 12.5585

0.0000, NaN, NaN

122.9105,
-18.1939, 13.5781

■ 30.9719, -8.7900,
5.8417

■ 30.9719, -8.7900,
5.8417

■ 30.2629, -11.7907,
7.6475

■ 31.7706, -5.5110,
3.9239

■ 29.6434, -14.4810,
9.3212

■ 32.6545, -1.9839,
1.9118

■ 29.1144, -16.8359,
10.8455

■ 33.6213, 1.7580,
-0.1763

■ 28.6756, -18.8357,
12.2046

■ 34.6674, 5.6833,
-2.3238

■ 28.3248, -20.4699,
13.3860

■ 35.7890, 9.7628,
-4.5159

■ 28.0582, -21.7382,
14.3812

■ 36.9821, 13.9697,
-6.7398

■ 27.8697, -22.6559,
15.1865

■ 38.2428, 18.2808,
-8.9847

■ 27.7270, -23.3490,
15.7474

■ 39.5670, 22.6756,
-11.2416

■ 40.9510, 27.1370,
-13.5035

Harmonies

Analogous

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



30.9726, -5.6742, 8.2436



30.9719, -8.7900, 5.8417



30.9726, -10.0074, 2.0057

Triad

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



30.9726, -8.7906, 5.8421



30.9726, -1.9916, -7.9567



30.9726, 6.5647, 5.3605

Complementary

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



30.9719, -8.7900, 5.8417



27.8602, 6.3429, -2.8359

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.



30.9726, 7.6901, 1.3627



30.9719, -8.7900, 5.8417



30.9726, 2.5817, -6.7188

Square

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



30.9726, -8.7906, 5.8421



30.9726, -6.2273, -6.3144



30.9726, 6.1931, -3.1403



30.9726, 3.2005, 7.9953

Rectangle

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



30.9719, -8.7900, 5.8417



30.9726, -9.6344, -0.9999



30.9726, 6.1931, -3.1403



30.9726, 7.2257, 4.1509

Sweetspot

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



30.9726, -8.7906, 5.8421



42.5385, -5.2459, 4.0169



32.0423, -5.0215, 7.9928



21.2782, -2.7135, 2.0609



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.9726, -8.7906, 5.8421



40.4774, -13.7179, 8.9764



31.1972, -7.5130, 2.6190



16.0979, -2.4628, 1.7965



33.3436, -28.1482, 19.0873



77.9690, -66.2339, 45.5256

Inverse Universe

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



27.8602, 6.3429, -2.8359



35.3783, 11.1108, -5.2480



27.5946, 4.9564, 0.9286



15.4167, 0.8431, -0.1015



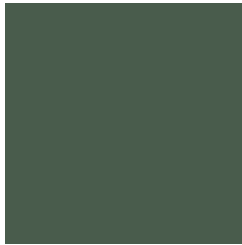
20.1772, 38.4128, -16.8740



47.1027, 89.4885, -37.9627

Previews

White Background



This preview shows how the HunterLab color 30.9719, -8.7900, 5.8417 looks on a white background.

Color Contrast Check

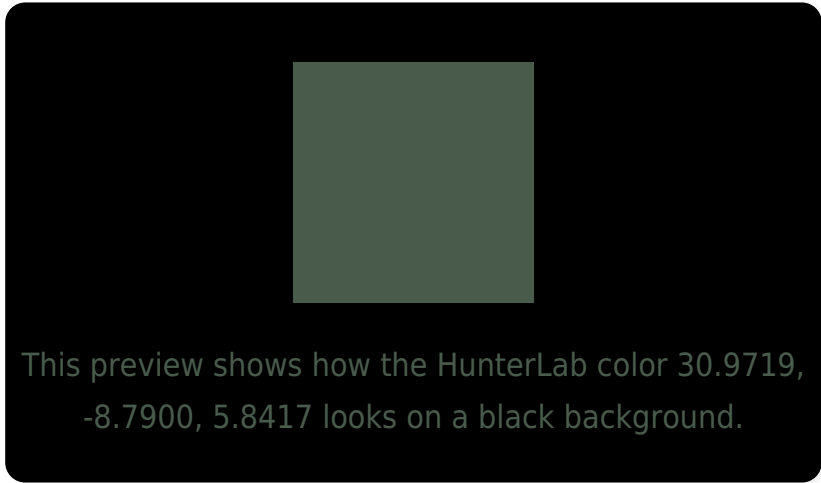
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 30.9719, -8.7900, 5.8417 Background



This preview shows how black text looks on a background with the HunterLab color 30.9719, -8.7900, 5.8417.



This preview shows how white text looks on a background with the HunterLab color 30.9719, -8.7900,

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

30.9719, -8.7900, 5.8417

Protanopia

30.9398, -2.0805, 6.9495

Deuteranopia

30.8923, 1.9347, 5.2362



Tritanopia

30.9307, -3.6658, -2.2175

Trichromacy



Original Color

30.9719, -8.7900, 5.8417

Protanomaly

30.9362, -4.7780, 6.5627

Deuteranomaly

30.8640, -2.1682, 5.4926

Tritanomaly

30.9356, -5.4390, 0.8533

Monochromacy



Original Color

30.9719, -8.7900, 5.8417

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.1926, -4.3485, 3.2416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9719, -8.7900, 5.8417 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(73, 92, 76)` looks like.

```
.text, #text, p{  
    color:rgb(73, 92, 76)  
}
```

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(73, 92, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 92, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9719, -8.7900, 5.8417 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(73, 92, 76) }
```


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

```
.border{ border-color:rgb(73, 92, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 92, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 92, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 92, 76);  
box-shadow:4px 4px 4px 4px rgb(73, 92, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.9719, -8.7900, 5.8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 92, 76) }
```

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

```
.background{ background-color: rgb(73, 92,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor