

Converting Colors

HunterLab(30.8398, -9.5233,
7.7011)

Have a look what the booklet for
HunterLab(30.8398, -9.5233, 7.7011)
contains.

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Color

**HunterLab(30.8431, -9.5268,
7.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	495C46
RGB	73, 92, 70
RGB Percent	29%, 36%, 27%
CMY	0.7137, 0.6392, 0.7255
CMYK	0.21, 0.00, 0.24, 0.64
HSL	112°, 14%, 32%
HSV	112°, 24%, 36%
XYZ	7.6803, 9.5130, 7.2258
YIQ	83.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

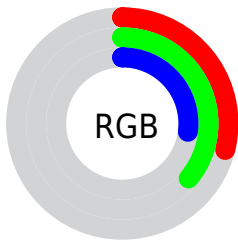
Format	Color
RYB	70, 92, 89
Decimal	4807750
CIELab	36.95, -12.09, 10.33
CIELCh	37, 15.897, 139.486
Yxy	9.5134, 0.3145, 0.3896
Android (android.graphics.Color)	4282997830 (0xFF495C46)
YUV	83.8110, -6.8088, -9.4812
Hunter-Lab	30.8431, -9.5268, 7.7000

Details

The HunterLab color **30.8431, -9.5268, 7.7000** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.9762, 7.3295, -5.5040**, and the grayscale version is **29.7319, -1.5864, 1.6154**.

A 20% lighter version of the original color is **49.7911, -11.9610, 10.0624**, and **15.1471, -6.6915, 5.1576** is the 20% darker color. If you saturate the color by 10%, you get **30.1913, -12.3481, 9.7727**, and if you desaturate by 10%, it is **31.5739, -6.4387, 5.3802**.

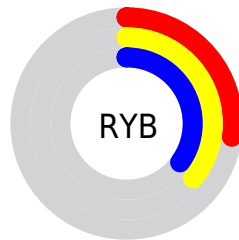
Distribution



Red (29%)

Green (36%)

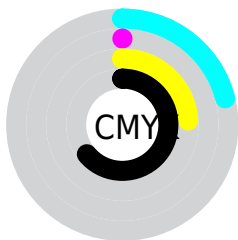
Blue (27%)



Red (27%)

Yellow (36%)

Blue (35%)

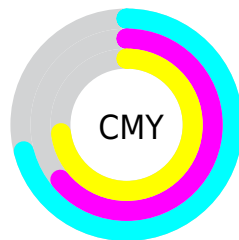


Cyan (21%)

Magenta (0%)

Yellow (24%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8431, -9.5268, 7.7000 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 30.8431, -9.5268, 7.7000 by changing the saturation by 10% instead.

■ 30.8431, -9.5268,
7.7000

■ 30.8431, -9.5268,
7.7000

■ 136.8075,
-20.6985, 18.0900

■ 22.5334, -8.2120,
6.5030

■ 49.8759, -12.0504,
10.0125

■ 15.1421, -6.8241,
5.2444

■ 60.4746, -13.2862,
11.1529

■ 8.7744, -6.4706,
5.3565

■ 71.7329, -14.5156,
12.2924

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.6144, -15.7435,
13.4354

0.0000, NaN, NaN

■ 96.0878, -16.9735,
14.5847

0.0000, NaN, NaN

109.1264,

0.0000, NaN, NaN

-18.2082, 15.7427

0.0000, NaN, NaN

122.7065,
-19.4493, 16.9107

■ 30.8431, -9.5268,
7.7000

■ 30.8431, -9.5268,
7.7000

■ 30.1913, -12.3481,
9.7727

■ 31.5739, -6.4387,
5.3802

■ 29.6177, -14.8761,
11.5803

■ 32.3797, -3.1087,
2.8322

■ 29.1234, -17.0909,
13.1102

■ 33.2589, 0.4352,
0.0775

■ 28.7080, -18.9774,
14.3555

■ 34.2086, 4.1658,
-2.8619

■ 28.3698, -20.5275,
15.3160

■ 35.2257, 8.0571,
-5.9647

■ 28.1059, -21.7422,
16.0004

■ 36.3072, 12.0853,
-9.2106

■ 27.9099, -22.6460,
16.4599

■ 37.4496, 16.2285,
-12.5808

■ 27.8151, -23.0926,
16.7353

■ 38.6499, 20.4675,
-16.0583

■ 39.9046, 24.7854,
-19.6278

Harmonies

Analogous

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



30.8438, -5.2106, 9.9628



30.8431, -9.5268, 7.7000



30.8438, -11.6783, 3.5172

Triad

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



30.8438, -9.5274, 7.7004



30.8438, -3.6174, -10.3982



30.8438, 9.3518, 4.9508

Complementary

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



30.8431, -9.5268, 7.7000



26.9762, 7.3295, -5.5040

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.



30.8438, 9.8559, -0.2800



30.8431, -9.5268, 7.7000



30.8438, 2.0852, -9.8241

Square

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



30.8438, -9.5274, 7.7004



30.8438, -8.4339, -7.3214



30.8438, 7.1129, -5.8712



30.8438, 5.7819, 8.5857

Rectangle

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



30.8431, -9.5268, 7.7000



30.8438, -11.7079, -0.0849



30.8438, 7.1129, -5.8712



30.8438, 9.8948, 3.3443

Sweetspot

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



30.8438, -9.5274, 7.7004



42.4727, -5.6031, 4.8936



31.3256, -3.1539, 8.2801



21.2518, -2.8677, 2.4980



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.



30.8438, -9.5274, 7.7004



40.2734, -14.8900, 11.8745



30.8263, -9.2567, 5.0776



16.1225, -2.4068, 2.0730



33.4329, -27.8914, 20.1129



78.0818, -65.9269, 46.9595

Inverse Universe

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



26.9762, 7.3295, -5.5040



33.9361, 12.7873, -9.8265



27.0198, 6.9934, -1.7692



15.3883, 0.7841, -0.4232



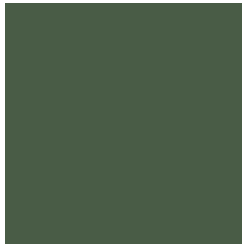
18.8019, 38.1458, -33.9506



43.6769, 88.8169, -80.4491

Previews

White Background



This preview shows how the HunterLab color 30.8431, -9.5268, 7.7000 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 30.8431, -9.5268, 7.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

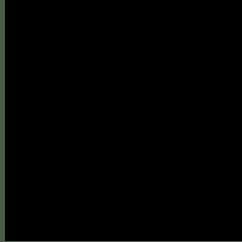
Any Text WCAG AA × Fail

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 30.8431, -9.5268, 7.7000 Background



This preview shows how black text looks on a background with the HunterLab color 30.8431, -9.5268, 7.7000.



This preview shows how white text looks on a background with the HunterLab color 30.8431, -9.5268,

7.7000.

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

30.8431, -9.5268, 7.7000

Protanopia

30.8171, -2.7559, 8.7247

Deuteranopia

30.6002, 1.9738, 7.0112



Tritanopia

30.9307, -3.6658, -2.2175

Trichromacy



Original Color

30.8431, -9.5268, 7.7000

Protanomaly

30.8114, -5.4757, 8.3663

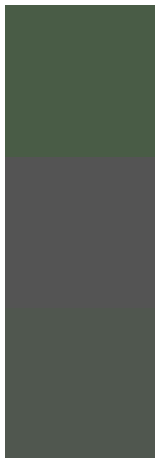
Deuteranomaly

30.4699, -2.4637, 7.1326

Tritanomaly

30.8819, -5.7396, 1.6175

Monochromacy



Original Color

30.8431, -9.5268, 7.7000

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.1436, -4.6217, 3.9439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8431, -9.5268, 7.7000 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, 70)` looks like.

```
.text, #text, p{  
    color:rgb(73, 92, 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(73, 92, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 92, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8431, -9.5268, 7.7000 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, 70) }
```


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

```
.border{ border-color:rgb(73, 92, 70) }
```

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, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 92, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 92, 70);  
box-shadow:4px 4px 4px 4px rgb(73, 92, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.8431, -9.5268, 7.7000 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, 70) }
```

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

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