

Converting Colors

HunterLab(31.7060, -12.3750,
10.5218)

Have a look what the booklet for
HunterLab(31.7060, -12.3750,
10.5218) contains.

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Color

**HunterLab(31.7241,
-12.3126, 10.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	47603F
RGB	71, 96, 63
RGB Percent	28%, 38%, 25%
CMY	0.7216, 0.6235, 0.7529
CMYK	0.26, 0.00, 0.34, 0.62
HSL	105°, 21%, 31%
HSV	105°, 34%, 38%
XYZ	7.6786, 10.0642, 6.2405
YIQ	84.7630, -4.3070, -15.5630

Conversions

Conversions Part 2

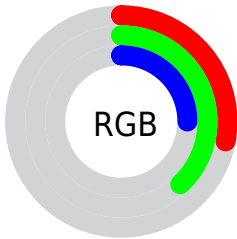
Format	Color
RYB	63, 96, 88
Decimal	4677695
CIELab	37.96, -16.43, 15.92
CIELCh	38, 22.876, 135.901
Yxy	10.0646, 0.3202, 0.4196
Android (android.graphics.Color)	4282867775 (0xFF47603F)
YUV	84.7630, -10.7292, -12.0702
Hunter-Lab	31.7241, -12.3126, 10.5439

Details

The HunterLab color **31.7241, -12.3126, 10.5439** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25.4450, 10.9869, -9.9156**, and the grayscale version is **30.0930, -1.6057, 1.6350**.

A 20% lighter version of the original color is **50.9982, -15.5740, 13.6681**, and **15.9729, -9.0343, 7.2276** is the 20% darker color. If you saturate the color by 10%, you get **31.1572, -14.8142, 12.4379**, and if you desaturate by 10%, it is **32.3623, -9.5477, 8.3528**.

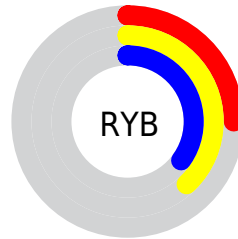
Distribution



Red (28%)

Green (38%)

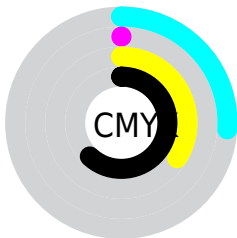
Blue (25%)



Red (25%)

Yellow (38%)

Blue (35%)

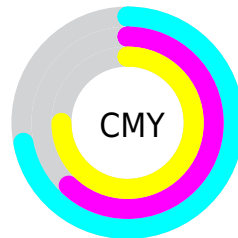


Cyan (26%)

Magenta (0%)

Yellow (34%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7241, -12.3126, 10.5439 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 31.7241, -12.3126, 10.5439 by changing the saturation by 10% instead.

■ 31.7241, -12.3126,
10.5439

■ 31.7241, -12.3126,
10.5439

138.2507,
-25.5248, 23.6207

■ 23.3277, -10.6737,
8.9058

■ 50.9087, -15.3957,
13.6074

■ 15.8390, -8.9165,
7.1406

■ 61.5754, -16.8798,
15.0772

■ 9.3862, -8.1279,
6.5704

■ 72.8978, -18.3418,
16.5233

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.8400, -19.7893,
17.9539

0.0000, NaN, NaN

■ 97.3713, -21.2277,
19.3750

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4652,

-22.6611, 20.7911

0.0000, NaN, NaN

124.0986,
-24.0926, 22.2054

■ 31.7241, -12.3126,
10.5439

■ 31.7241, -12.3126,
10.5439

■ 31.1572, -14.8142,
12.4379

■ 32.3623, -9.5477,
8.3528

■ 30.6600, -17.0334,
14.0244

■ 33.0687, -6.5373,
5.8779

■ 30.2328, -18.9582,
15.2998

■ 33.8425, -3.3040,
3.1366

■ 29.8746, -20.5813,
16.2676

■ 34.6817, 0.1296,
0.1484

■ 29.5831, -21.9023,
16.9398

■ 35.5843, 3.7411,
-3.0662

■ 29.3529, -22.9426,
17.3723

■ 36.5476, 7.5086,
-6.4864

■ 29.2429, -23.4467,
17.6089

■ 37.5692, 11.4117,
-10.0919

■ 38.6464, 15.4315,
-13.8632

■ 39.7764, 19.5508,
-17.7822

Harmonies

Analogous

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



31.7248, -5.9295, 13.0917



31.7241, -12.3126, 10.5439



31.7248, -15.6754, 5.1912

Triad

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



31.7248, -12.3133, 10.5442



31.7248, -5.4714, -16.6986



31.7248, 15.0704, 5.5935

Complementary

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



31.7241, -12.3126, 10.5439



25.4450, 10.9869, -9.9156

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.



31.7248, 15.2253, -2.1784



31.7241, -12.3126, 10.5439



31.7248, 2.7751, -16.5103

Square

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



31.7248, -12.3133, 10.5442



31.7248, -12.0076, -11.1515



31.7248, 10.5356, -10.6887



31.7248, 10.1317, 10.7734

Rectangle

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



31.7241, -12.3126, 10.5439



31.7248, -15.9972, 0.1341



31.7248, 10.5356, -10.6887



31.7248, 15.6995, 3.2411

Sweetspot

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



31.7248, -12.3133, 10.5442



44.1727, -6.9439, 6.3434



31.2803, -2.2941, 10.3208



21.9621, -3.6648, 3.3337



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.7248, -12.3133, 10.5442



41.3887, -18.9327, 15.9620



31.4342, -13.1112, 7.8163



16.9785, -2.4284, 2.2337



34.4503, -27.7827, 20.7417



79.4017, -65.1654, 47.7861

Inverse Universe

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



25.4450, 10.9869, -9.9156



31.3360, 18.5228, -17.0450



25.9663, 11.9788, -4.7481



16.1249, 0.7171, -0.5131



17.6231, 36.8434, -40.2649



40.2114, 84.4640, -94.9504

Previews

White Background



This preview shows how the HunterLab color 31.7241, -12.3126, 10.5439 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

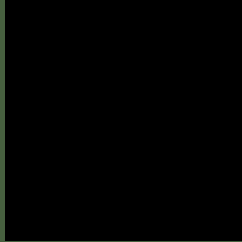
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.7241, -12.3126, 10.5439 Background



This preview shows how black text looks on a background with the HunterLab color 31.7241, -12.3126, 10.5439.



This preview shows how white text looks on a background with the HunterLab color 31.7241,

-12.3126, 10.5439.

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

31.7241, -12.3126, 10.5439

Protanopia

31.6424, -2.8111, 11.4384

Deuteranopia

31.4355, 1.9317, 9.9719



Tritanopia

31.8323, -4.4546, -2.4497

Trichromacy



Original Color

31.7241, -12.3126, 10.5439

Protanomaly

31.7268, -6.6085, 11.1839

Deuteranomaly

31.3721, -3.6250, 10.1010

Tritanomaly

31.6172, -7.3660, 2.8435

Monochromacy



Original Color

31.7241, -12.3126, 10.5439

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.6367, -5.7204, 5.1902

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7241, -12.3126, 10.5439 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(71, 96, 63)` looks like.

```
.text, #text, p{  
    color:rgb(71, 96, 63)  
}
```

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(71, 96, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 96, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7241, -12.3126, 10.5439 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(71, 96, 63) }
```


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

```
.border{ border-color:rgb(71, 96, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 96, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 96, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 96, 63);  
box-shadow:4px 4px 4px 4px rgb(71, 96, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7241, -12.3126, 10.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 96, 63) }
```

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

```
.background{ background-color: rgb(71, 96,  
63) }
```

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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