

Converting Colors

HunterLab(51.7850, -21.7917,
32.8916)

Have a look what the booklet for
HunterLab(51.7850, -21.7917,
32.8916) contains.

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Color

**HunterLab(51.7690,
-21.2224, 31.5283)**

Conversions

Conversions Part 1

Format	Color
Hex	819700
RGB	129, 151, 0
RGB Percent	51%, 59%, 0%
CMY	0.4941, 0.4078, 1.0000
CMYK	0.15, 0.00, 1.00, 0.41
HSL	69°, 100%, 30%
HSV	69°, 100%, 59%
XYZ	20.1198, 26.8003, 4.1125
YIQ	127.2080, 35.3590, -51.6250

Conversions

Conversions Part 2

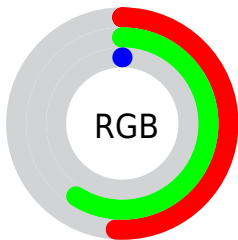
Format	Color
RYB	0, 151, 22
Decimal	8492800
CIELab	58.79, -24.38, 61.84
CIELCh	59, 66.474, 111.516
Yxy	26.8015, 0.3942, 0.5252
Android (android.graphics.Color)	4286682880 (0xFF819700)
YUV	127.2080, -62.7135, 1.5716
Hunter-Lab	51.7690, -21.2224, 31.5283

Details

The HunterLab color **51.7690, -21.2224, 31.5283** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15.5097, 40.9631, -101.6557**, and the grayscale version is **46.3797, -2.4747, 2.5199**.

A 20% lighter version of the original color is **73.7780, -25.1338, 40.2310**, and **32.5733, -16.1293, 19.7891** is the 20% darker color. If you saturate the color by 10%, you get **51.7700, -21.2246, 31.5289**, and if you desaturate by 10%, it is **51.9716, -20.3861, 31.1474**.

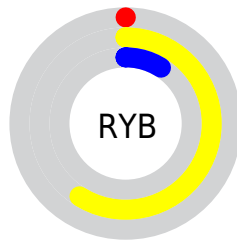
Distribution



Red (51%)

Green (59%)

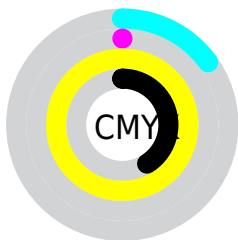
Blue (0%)



Red (0%)

Yellow (59%)

Blue (9%)

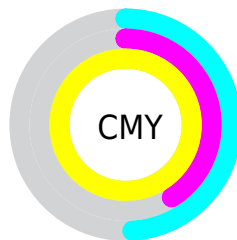


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (49%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7690, -21.2224, 31.5283 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 51.7690, -21.2224, 31.5283 by changing the saturation by 10% instead.

■ 51.7690, -21.2224,
31.5283

■ 51.7690, -21.2224,
31.5283

169.3206,
-37.6205, 66.1840

■ 41.7423, -19.2053,
26.8226

■ 73.8683, -25.0681,
40.2542

■ 32.4614, -17.0901,
22.0797

■ 85.8606, -26.9241,
44.3319

■ 23.9931, -14.8377,
16.7952

■ 98.4396, -28.7496,
48.2544

■ 16.4247, -12.3788,
11.4973

■ 111.5793,
-30.5518, 52.0433

■ 9.8794, -11.3310,
6.9156

■ 125.2565,
-32.3360, 55.7168

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.4510,

-34.1066, 59.2898

0.0000, NaN, NaN

154.1445,
-35.8672, 62.7753

0.0000, NaN, NaN

51.7690, -21.2224,
31.5283

51.7690, -21.2224,
31.5283

51.7700, -21.2246,
31.5289

51.9716, -20.3861,
31.1474

52.2001, -19.4013,
30.4144

52.4664, -18.2080,
29.1694

52.7745, -16.7867,
27.3581

53.1273, -15.1234,
24.9400

■ 53.5274, -13.2087,
21.8855

■ 53.9767, -11.0367,
18.1744

■ 54.4765, -8.6050,
13.7947

■ 55.0280, -5.9138,
8.7419

Harmonies

Analogous

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



51.7702, 5.4971, 32.3040



51.7690, -21.2224, 31.5283



51.7702, -38.8013, 25.7674

Triad

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



51.7702, -21.2239, 31.5286



51.7702, -32.4238, -56.1645



51.7702, 62.6799, -5.4019

Complementary

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



51.7690, -21.2224, 31.5283



15.5097, 40.9631, -101.6557

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.



51.7702, 47.0016, -40.7678



51.7690, -21.2224, 31.5283



51.7702, -10.5396, -78.7982

Square

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



51.7702, -21.2239, 31.5286



51.7702, -44.2363, -19.9490



51.7702, 18.7080, -72.0142



51.7702, 58.0997, 18.4166

Rectangle

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



51.7690, -21.2224, 31.5283



51.7702, -44.8757, 16.6723



51.7702, 18.7080, -72.0142



51.7702, 59.5011, -16.3925

Sweetspot

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



51.7702, -21.2239, 31.5286



72.1931, -14.9561, 24.6486



26.6179, 40.7041, 17.1136



34.3036, -7.6837, 12.7101



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.7702, -21.2239, 31.5286



69.2342, -28.5735, 42.1616



47.9138, -36.6721, 28.8818



26.7905, -2.7727, 4.0533



47.7587, -19.5378, 29.0866



5.9322, -2.0364, 3.6197

Inverse Universe

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



15.5097, 40.9631, -101.6557



20.6328, 54.7275, -137.0007



21.6842, 47.4362, -65.8658



24.6321, 0.1138, -1.4981



14.3325, 37.8068, -93.5436



2.0102, 4.8561, -9.6594

Previews

White Background



This preview shows how the HunterLab color 51.7690, -21.2224, 31.5283 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.7690, -21.2224, 31.5283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

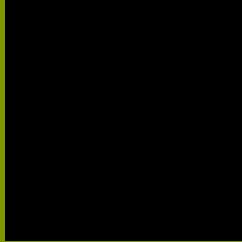
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 51.7690, -21.2224, 31.5283 Background



This preview shows how black text looks on a background with the HunterLab color 51.7690, -21.2224, 31.5283.



This preview shows how white text looks on a background with the HunterLab color 51.7690,

-21.2224, 31.5283.

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

51.7690, -21.2224, 31.5283

Protanopia

51.6884, -7.6734, 31.7158

Deuteranopia

51.5653, 3.4729, 30.7114



Tritanopia

51.6268, -0.6297, -1.8229

Trichromacy



Original Color

51.7690, -21.2224, 31.5283

Protanomaly

51.5235, -12.7770, 31.5248

Deuteranomaly

51.2545, -6.1944, 30.8609

Tritanomaly

51.0974, -11.1659, 18.4498

Monochromacy



Original Color

51.7690, -21.2224, 31.5283

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.7405, -11.7899, 19.5433

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7690, -21.2224, 31.5283 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(129, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(129, 151, 0)  
}
```

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(129, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 151, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7690, -21.2224, 31.5283 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(129, 151, 0) }
```


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

```
.border{ border-color:rgb(129, 151, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(129, 151,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7690, -21.2224, 31.5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 151, 0) }
```

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

```
.background{ background-color: rgb(129,  
151, 0) }
```

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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