

Converting Colors

HunterLab(31.1717, 71.8916,
-123.3378)

Have a look what the booklet for
HunterLab(31.1717, 71.8916,
-123.3378) contains.

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Color

**HunterLab(31.1311, 71.8454,
-123.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	7700E7
RGB	119, 0, 231
RGB Percent	47%, 0%, 91%
CMY	0.5333, 1.0000, 0.0941
CMYK	0.48, 1.00, 0.00, 0.09
HSL	271°, 100%, 45%
HSV	271°, 100%, 91%
XYZ	22.0315, 9.6915, 76.3107
YIQ	61.9150, -3.2270, 97.0690

Conversions

Conversions Part 2

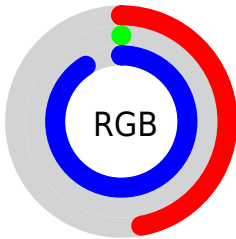
Format	Color
R_{YB}	119, 0, 231
Decimal	7799015
CIE _{Lab}	37.28, 77.47, -85.78
CIE _{LCh}	37, 115.591, 312.086
Yxy	9.6918, 0.2039, 0.0897
Android (android.graphics.Color)	4285989095 (0xFF7700E7)
YUV	61.9150, 83.3589, 50.0635
Hunter-Lab	31.1311, 71.8454, -123.5440

Details

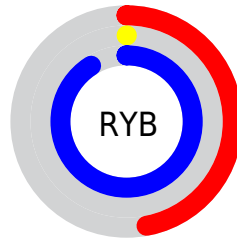
The HunterLab color **31.1311, 71.8454, -123.5440** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **77.8437, -55.3791, 46.9974**, and the grayscale version is **21.6407, -1.1547, 1.1758**.

A 20% lighter version of the original color is **47.5770, 66.4452, -87.4193**, and **19.2587, 48.8487, -110.5590** is the 20% darker color. If you saturate the color by 10%, you get **31.1317, 71.8461, -123.5413**, and if you desaturate by 10%, it is **33.3891, 69.7116, -112.4531**.

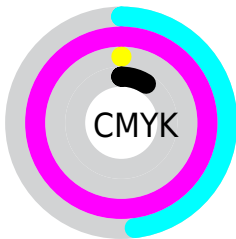
Distribution



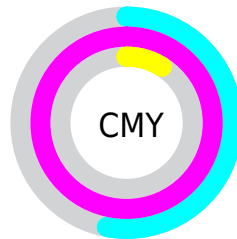
- Red (47%)
- Green (0%)
- Blue (91%)



- Red (47%)
- Yellow (0%)
- Blue (91%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1311, 71.8454, -123.5440 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 31.1311, 71.8454, -123.5440 by changing the saturation by 10% instead.

31.1311, 71.8454,
-123.5440

31.1311, 71.8454,
-123.5440

137.2801, 91.7738,
-120.6210

22.7928, 69.7319,
-130.1822

50.2138, 76.6343,
-118.2660

15.3694, 68.3440,
-143.3231

60.8348, 79.0352,
-117.5002

8.9796, 69.2936,
-173.1746

72.1142, 81.3737,
-117.3647

0.0000, INF, -NF

0.0000, NaN, -NF

84.0156, 83.6319,
-117.6349

0.0000, NaN, -NF

96.5080, 85.8019,
-118.1719

0.0000, NaN, -NF

0.0000, NaN, NaN

109.5648, 87.8816,

-118.8856

123.1624, 89.8716,
-119.7158

■ 31.1311, 71.8454,
-123.5440

■ 31.1311, 71.8454,
-123.5440

■ 31.1317, 71.8461,
-123.5413

■ 33.3891, 69.7116,
-112.4531

■ 36.6571, 64.7058,
-98.5590

■ 40.9837, 57.3405,
-83.1130

■ 46.2222, 48.6931,
-67.6410

■ 52.2108, 39.5437,
-52.9880

■ 58.8079, 30.3288,
-39.4533

■ 65.9009, 21.2490,
-27.0376

■ 73.4038, 12.3732,
-15.6175

■ 81.2510, 3.7074,
-5.0361

Harmonies

Analogous

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



31.1317, 16.8564, -201.1833



31.1311, 71.8454, -123.5440



31.1317, 116.3592, -31.8354

Triad

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



31.1317, 71.8461, -123.5413



31.1317, 26.8600, 21.7922



31.1317, -47.5618, -18.7417

Complementary

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



31.1311, 71.8454, -123.5440



77.8437, -55.3791, 46.9974

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.



31.1317, -47.0063, 17.1631



31.1311, 71.8454, -123.5440



31.1317, -16.6628, 21.7922

Square

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



31.1317, 71.8461, -123.5413



31.1317, 82.3796, 21.7922



31.1317, -39.1105, 21.7922



31.1317, -41.4932, -104.0857

Rectangle

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



31.1311, 71.8454, -123.5440



31.1317, 124.8360, 4.3315



31.1317, -39.1105, 21.7922



31.1317, -47.9948, -1.1953

Sweetspot

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



31.1317, 71.8461, -123.5413



73.5879, 23.9336, -30.4622



42.5974, 11.8260, -78.7721



32.4623, 13.0537, -16.7534

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.1317, 71.8461, -123.5413



34.7488, 80.2855, -138.6063



47.7059, 93.7914, -62.9213



37.7497, 1.4964, -2.0690



23.4684, 53.9722, -91.6700



6.7989, 15.1587, -22.8575

Inverse Universe

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



42.6131, 75.7211, 6.2571



47.6507, 84.6376, 7.2693



75.5989, -64.8261, 45.4488



38.0577, 2.1895, 1.0206



31.9451, 56.8376, 4.1259



8.7910, 15.8399, -0.4046

Previews

White Background



This preview shows how the HunterLab color 31.1311, 71.8454, -123.5440 looks on a white background.

Color Contrast Check

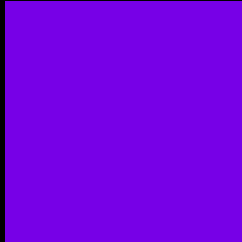
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1311, 71.8454, -123.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

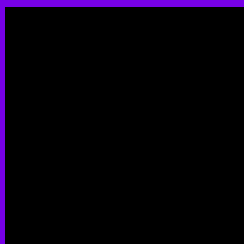
Any Text WCAG AA × Fail

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 31.1311, 71.8454, -123.5440 Background



This preview shows how black text looks on a background with the HunterLab color 31.1311, 71.8454, -123.5440.



This preview shows how white text looks on a background with the HunterLab color 31.1311, 71.8454, -123.5440.

-123.5440.

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

31.1311, 71.8454, -123.5440

Protanopia

31.6098, 10.5735, -62.3347

Deuteranopia

31.6557, -0.4557, -38.5831



Tritanopia

31.6455, -2.4645, -1.7320

Trichromacy



Original Color

31.1311, 71.8454, -123.5440

Protanomaly

27.1468, 35.8111, -100.6558

Deuteranomaly

26.5714, 28.1170, -83.0981

Tritanomaly

27.3649, 26.9643, -41.5858

Monochromacy



Original Color

31.1311, 71.8454, -123.5440

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.7258, 26.6233, -37.2853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1311, 71.8454, -123.5440 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(119, 0, 231)` looks like.

```
.text, #text, p{  
    color:rgb(119, 0, 231)  
}
```

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(119, 0, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 0, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1311, 71.8454, -123.5440 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(119, 0, 231) }
```


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

```
.border{ border-color:rgb(119, 0, 231) }
```

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

Here you see how a box with a 4 pixel rgb(119, 0, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 0, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 0, 231);  
box-shadow:4px 4px 4px 4px rgb(119, 0,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1311, 71.8454, -123.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 0, 231) }
```

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

```
.background{ background-color: rgb(119, 0,  
231) }
```

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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