

Converting Colors

HunterLab(31.2831, 71.7458,
-120.6566)

Have a look what the booklet for
HunterLab(31.2831, 71.7458,
-120.6566) contains.

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Color

**HunterLab(31.3859, 71.9517,
-120.8214)**

Conversions

Conversions Part 1

Format	Color
Hex	7A00E6
RGB	122, 0, 230
RGB Percent	48%, 0%, 90%
CMY	0.5215, 1.0000, 0.0980
CMYK	0.47, 1.00, 0.00, 0.10
HSL	272°, 100%, 45%
HSV	272°, 100%, 90%
XYZ	22.3090, 9.8507, 75.5885
YIQ	62.6980, -1.1180, 97.3940

Conversions

Conversions Part 2

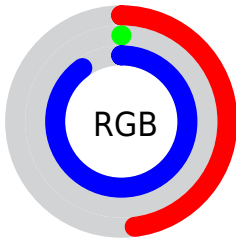
Format	Color
R_{YB}	122, 0, 230
Decimal	7995622
CIE _{Lab}	37.57, 77.51, -84.72
CIE _{LCh}	38, 114.827, 312.454
Yxy	9.8511, 0.2071, 0.0914
Android (android.graphics.Color)	4286185702 (0xFF7A00E6)
YUV	62.6980, 82.4799, 52.0079
Hunter-Lab	31.3859, 71.9517, -120.8214

Details

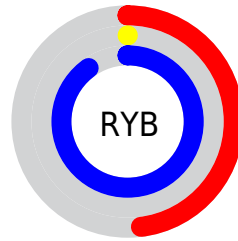
The HunterLab color **31.3859, 71.9517, -120.8214** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **77.3186, -55.7044, 46.6682**, and the grayscale version is **21.9140, -1.1693, 1.1906**.

A 20% lighter version of the original color is **48.1120, 66.7521, -85.7732**, and **19.4972, 48.8637, -107.3550** is the 20% darker color. If you saturate the color by 10%, you get **31.3865, 71.9525, -120.8189**, and if you desaturate by 10%, it is **33.6104, 69.8709, -110.1274**.

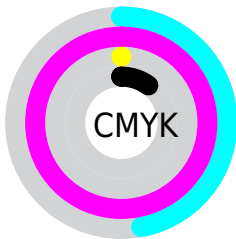
Distribution



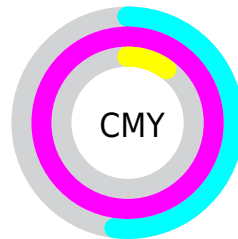
- Red (48%)
- Green (0%)
- Blue (90%)



- Red (48%)
- Yellow (0%)
- Blue (90%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (52%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3859, 71.9517, -120.8214 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 31.3859, 71.9517, -120.8214 by changing the saturation by 10% instead.

31.3859, 71.9517,
-120.8214

31.3859, 71.9517,
-120.8214

137.6975, 91.8741,
-118.5787

23.0225, 69.8268,
-127.0475

50.5125, 76.7452,
-115.9404

15.5710, 68.4069,
-139.4032

61.1532, 79.1453,
-115.2758

9.1568, 69.1566,
-167.2308

72.4511, 81.4825,
-115.2083

0.0000, INF, -NF

0.0000, NaN, -NF

84.3701, 83.7390,
-115.5247

0.0000, NaN, -NF

96.8792, 85.9073,
-116.0924

0.0000, NaN, -NF

0.0000, NaN, NaN

109.9520, 87.9853,

-116.8259

123.5650, 89.9735,
-117.6678

■ 31.3859, 71.9517,
-120.8214

■ 31.3859, 71.9517,
-120.8214

■ 31.3865, 71.9525,
-120.8189

■ 33.6104, 69.8709,
-110.1274

■ 36.8251, 64.9410,
-96.7046

■ 41.0842, 57.6385,
-81.7126

■ 46.2478, 49.0182,
-66.6192

■ 52.1585, 39.8595,
-52.2614

■ 58.6771, 30.6083,
-38.9527

■ 65.6923, 21.4746,
-26.7119

■ 73.1180, 12.5353,
-15.4307

■ 80.8890, 3.8010,
-4.9633

Harmonies

Analogous

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



31.3865, 17.3564, -197.8904



31.3859, 71.9517, -120.8214



31.3865, 115.6486, -30.6775

Triad

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



31.3865, 71.9525, -120.8189



31.3865, 26.0415, 21.9705



31.3865, -47.6763, -19.3459

Complementary

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



31.3859, 71.9517, -120.8214



77.3186, -55.7044, 46.6682

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.



31.3865, -47.1820, 17.0185



31.3859, 71.9517, -120.8214



31.3865, -17.0353, 21.9705

Square

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



31.3865, 71.9525, -120.8189



31.3865, 81.0664, 21.9705



31.3865, -39.3119, 21.9705



31.3865, -41.4129, -104.0679

Rectangle

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



31.3859, 71.9517, -120.8214



31.3865, 123.6434, 4.7742



31.3865, -39.3119, 21.9705



31.3865, -48.1414, -1.7016

Sweetspot

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



31.3865, 71.9525, -120.8189



73.7106, 24.3138, -30.2530



41.3745, 13.8176, -81.5428



32.5281, 13.2525, -16.6345

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.3865, 71.9525, -120.8189



35.2037, 80.7960, -136.2315



47.2475, 92.5535, -59.7076



37.7645, 1.5464, -2.0491



23.7710, 54.3150, -90.1144



6.8757, 15.2510, -22.5035

Inverse Universe

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



42.3151, 75.0243, 7.5108



47.5496, 84.2683, 8.7238



75.2345, -64.4737, 45.1436



38.0527, 2.1629, 1.0911



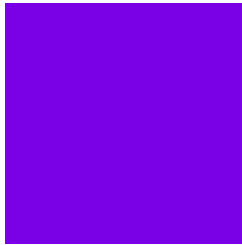
31.8770, 56.5891, 5.1037



8.7723, 15.7721, -0.1394

Previews

White Background



This preview shows how the HunterLab color 31.3859, 71.9517, -120.8214 looks on a white background.

Color Contrast Check

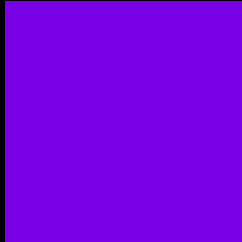
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3859, 71.9517, -120.8214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

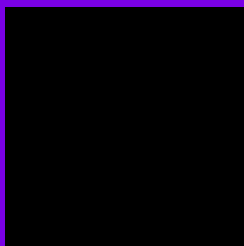
Any Text WCAG AA × Fail

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 31.3859, 71.9517, -120.8214 Background



This preview shows how black text looks on a background with the HunterLab color 31.3859, 71.9517, -120.8214.



This preview shows how white text looks on a background with the HunterLab color 31.3859, 71.9517, -120.8214.

-120.8214.

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

31.3859, 71.9517, -120.8214

Protanopia

31.9926, 10.7172, -63.1233

Deuteranopia

32.0360, -0.3434, -39.3008



Tritanopia

32.0158, -1.1752, -1.2362

Trichromacy



Original Color

31.3859, 71.9517, -120.8214

Protanomaly

27.2727, 36.2468, -101.3538

Deuteranomaly

26.6910, 28.5562, -83.7856

Tritanomaly

27.7127, 27.6978, -39.7506

Monochromacy



Original Color

31.3859, 71.9517, -120.8214

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.0400, 26.6506, -37.2494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3859, 71.9517, -120.8214 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(122, 0, 230)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 230)  
}
```

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(122, 0, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3859, 71.9517, -120.8214 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(122, 0, 230) }
```


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

```
.border{ border-color:rgb(122, 0, 230) }
```

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

Here you see how a box with a 4 pixel rgb(122, 0, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 230);  
box-shadow:4px 4px 4px 4px rgb(122, 0,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3859, 71.9517, -120.8214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 230) }
```

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

```
.background{ background-color: rgb(122, 0,  
230) }
```

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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