

Converting Colors

HunterLab(73.9420, 30.0917,
-49.7793)

Have a look what the booklet for
HunterLab(73.9420, 30.0917,
-49.7793) contains.

HunterLab(72.7739, 23.5020, -31.8240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(72.7739, 23.5020,
-31.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B1FF
RGB	214, 177, 255
RGB Percent	84%, 69%, 100%
CMY	0.1608, 0.3059, 0.0000
CMYK	0.16, 0.31, 0.00, 0.00
HSL	268°, 100%, 85%
HSV	268°, 31%, 100%
XYZ	61.5037, 52.9604, 101.5885
YIQ	196.9550, -2.9860, 32.1020

Conversions

Conversions Part 2

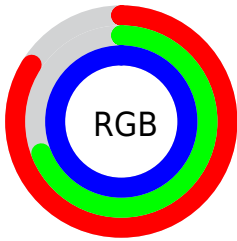
Format	Color
RYB	214, 177, 255
Decimal	14070271
CIELab	77.85, 27.94, -33.62
CIELCh	78, 43.709, 309.730
Yxy	52.9625, 0.2847, 0.2451
Android (android.graphics.Color)	4292260351 (0xFFD6B1FF)
YUV	196.9550, 28.6162, 14.9485
Hunter-Lab	72.7739, 23.5020, -31.8240

Details

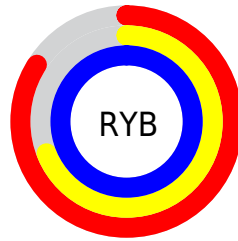
The HunterLab color $72.7739, 23.5020, -31.8240$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $94.6574, -28.7257, 31.7695$, and the grayscale version is $74.5876, -3.9798, 4.0525$.

A 20% lighter version of the original color is $93.1439, 6.4625, -2.7138$, and $50.7559, 21.9618, -30.7491$ is the 20% darker color. If you saturate the color by 10%, you get $64.7131, 33.4332, -46.2182$, and if you desaturate by 10%, it is $81.2989, 13.8251, -18.6578$.

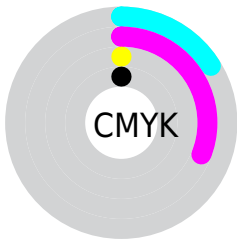
Distribution



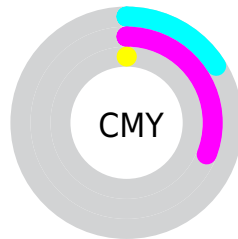
- Red (84%)
- Green (69%)
- Blue (100%)



- Red (84%)
- Yellow (69%)
- Blue (100%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.7739, 23.5020, -31.8240 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 72.7739, 23.5020, -31.8240 by changing the saturation by 10% instead.

72.7739, 23.5020,
-31.8240

72.7739, 23.5020,
-31.8240

199.5348, 26.4222,
-34.6182

61.4596, 22.8134,
-31.2638

97.2364, 24.6150,
-32.7933

50.8000, 22.0279,
-30.6679

110.3245, 25.0575,
-33.2023

40.8398, 21.1322,
-30.0522

123.9523, 25.4314,
-33.5598

31.6320, 20.1130,
-29.4558

138.0991, 25.7416,
-33.8668

23.2440, 18.9557,
-28.9657

152.7465, 25.9923,
-34.1247

15.7654, 17.6501,
-28.7983

167.8781, 26.1872,

9.3240, 16.2220,

-34.3348

-29.6078

183.4788, 26.3296,
-34.4988

0.0000, INF, -NF

0.0000, NaN, -NF

■ 72.7739, 23.5020,
-31.8240

■ 72.7739, 23.5020,
-31.8240

■ 64.7131, 33.4332,
-46.2182

■ 81.2989, 13.8251,
-18.6578

■ 57.2121, 43.5617,
-62.0275

■ 90.2090, 4.4016,
-6.5177

■ 50.4044, 53.6755,
-79.2870

99.4488, -4.8020,
4.7920

■ 44.4593, 63.2844,
-97.6634

100.0000, -5.3358,
5.4332

■ 39.5734, 71.4735,

-116.1078

■ 35.9267, 76.9470,
-132.6466

■ 33.5889, 79.0166,
-144.9175

Harmonies

Analogous

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



72.7754, 3.0007, -44.4385



72.7739, 23.5020, -31.8240



72.7754, 37.5893, -10.5013

Triad

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



72.7754, 23.5004, -31.8216



72.7754, 10.5039, 31.3897



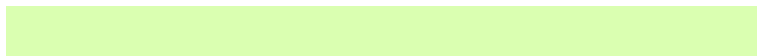
72.7754, -39.2811, -2.7707

Complementary

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



72.7739, 23.5020, -31.8240



94.6574, -28.7257, 31.7695

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.



72.7754, -37.7531, 15.9553



72.7739, 23.5020, -31.8240



72.7754, -10.5278, 32.3815

Square

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



72.7754, 23.5004, -31.8216



72.7754, 29.5206, 24.3357



72.7754, -27.7413, 27.5795



72.7754, -32.1794, -24.8153

Rectangle

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



72.7739, 23.5020, -31.8240



72.7754, 40.6136, 3.7814



72.7754, -27.7413, 27.5795



72.7754, -39.7395, 4.1408

Sweetspot

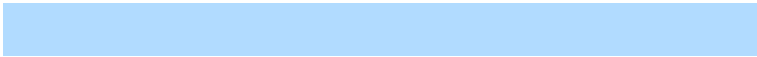
The Sweet Spot groups the original color and five complimentary colors.



72.7754, 23.5004, -31.8216



91.6541, 2.9278, -4.6726



81.8677, -9.3729, -18.2341



41.7901, 1.9798, -2.9442

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.7754, 23.5004, -31.8216



67.5459, 29.8429, -40.9002



77.0949, 36.5640, -24.6126



42.1904, 1.5711, -2.4322



24.4594, 57.3109, -103.7553



8.0435, 18.3413, -30.2021

Inverse Universe

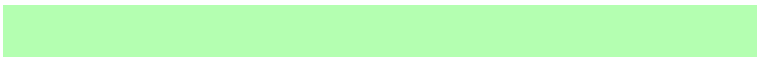
The Inverse Universe completely reimagines the original color for something new.



76.0053, 30.4903, -4.3754



71.6191, 38.1329, -5.8097



91.8425, -39.3953, 29.0496



42.5989, 2.5874, 0.9149



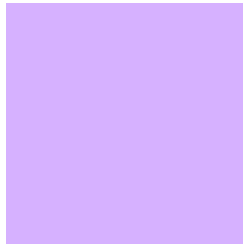
34.6975, 62.1019, 1.6357



10.9284, 19.7464, -0.9310

Previews

White Background



This preview shows how the HunterLab color 72.7739, 23.5020, -31.8240 looks on a white background.

Color Contrast Check

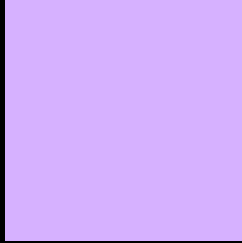
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 72.7739, 23.5020, -31.8240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

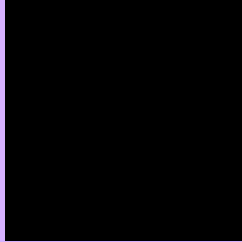
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 72.7739, 23.5020, -31.8240 Background



This preview shows how black text looks on a background with the HunterLab color 72.7739, 23.5020, -31.8240.



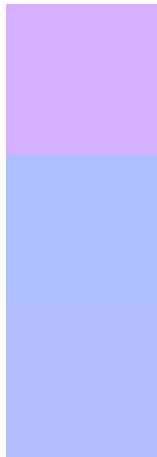
This preview shows how white text looks on a background with the HunterLab color 72.7739, 23.5020, -31.8240.

-31.8240.

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

72.7739, 23.5020, -31.8240

Protanopia

72.8324, 4.6898, -32.0554

Deuteranopia

72.8497, 6.0950, -30.6352



Tritanopia

72.6526, 4.5668, -0.7518

Trichromacy



Original Color

72.7739, 23.5020, -31.8240

Protanomaly

72.6201, 11.5097, -32.2920

Deuteranomaly

72.8424, 12.1467, -31.2229

Tritanomaly

72.4550, 11.1578, -11.1354

Monochromacy



Original Color

72.7739, 23.5020, -31.8240

Achromatopsia

74.7222, -3.9870, 4.0598

Achromatomaly

73.8819, 5.2714, -7.6114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.7739, 23.5020, -31.8240 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(214, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 255)  
}
```

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(214, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 72.7739, 23.5020, -31.8240 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(214, 177, 255) }
```


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

```
.border{ border-color:rgb(214, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.7739, 23.5020, -31.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 255) }
```

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

```
.background{ background-color: rgb(214,  
177, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor