

Converting Colors

HunterLab(79.8577, 12.8377,
-20.8084)

Have a look what the booklet for
HunterLab(79.8577, 12.8377,
-20.8084) contains.

HunterLab(79.8400, 12.7999, -20.8356)	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(79.8400, 12.7999,
-20.8356)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC8FF
RGB	220, 200, 255
RGB Percent	86%, 78%, 100%
CMY	0.1372, 0.2157, 0.0000
CMYK	0.14, 0.22, 0.00, 0.00
HSL	262°, 100%, 89%
HSV	262°, 22%, 100%
XYZ	68.2195, 63.7443, 103.3161
YIQ	212.2500, -5.7350, 21.3450

Conversions

Conversions Part 2

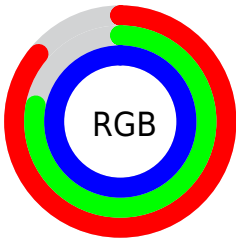
Format	Color
R _Y B	220, 200, 255
Decimal	14469375
CIE Lab	83.83, 17.36, -24.40
CIE LCh	84, 29.948, 305.423
Yxy	63.7468, 0.2900, 0.2709
Android (android.graphics.Color)	4292659455 (0xFFDCC8FF)
YUV	212.2500, 21.0757, 6.7968
Hunter-Lab	79.8400, 12.7999, -20.8356

Details

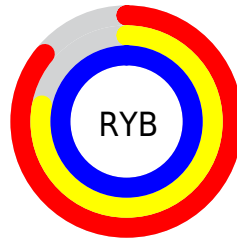
The HunterLab color $79.8400, 12.7999, -20.8356$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.6193, -20.4603, 25.6446$, and the grayscale version is $81.1634, -4.3307, 4.4098$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $57.1265, 12.4815, -20.0299$ is the 20% darker color. If you saturate the color by 10%, you get $71.0585, 21.6558, -34.7740$, and if you desaturate by 10%, it is $89.0034, 4.2469, -8.1055$.

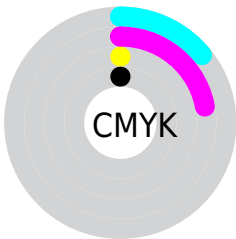
Distribution



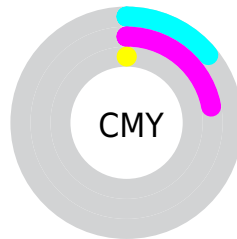
- Red (86%)
- Green (78%)
- Blue (100%)



- Red (86%)
- Yellow (78%)
- Blue (100%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8400, 12.7999, -20.8356 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 79.8400, 12.7999, -20.8356 by changing the saturation by 10% instead.

79.8400, 12.7999,
-20.8356

79.8400, 12.7999,
-20.8356

209.3501, 11.9055,
-21.1466

68.1510, 12.6172,
-20.5362

104.9982, 12.9616,
-21.2533

57.0943, 12.3611,
-20.1789

118.4117, 12.9551,
-21.3812

46.7102, 12.0209,
-19.7614

132.3522, 12.8953,
-21.4576

37.0453, 11.5851,
-19.2880

146.8005, 12.7858,
-21.4850

28.1578, 11.0387,
-18.7731

161.7394, 12.6296,
-21.4656

20.1229, 10.3618,
-18.2571

177.1533, 12.4294,

13.0429, 9.5284,

-21.4015

-17.8604

193.0278, 12.1873,
-21.2946

■ 6.5148, 11.2623,
-20.3664

0.0000, NaN, -NF

■ 79.8400, 12.7999,
-20.8356

■ 79.8400, 12.7999,
-20.8356

■ 71.0585, 21.6558,
-34.7740

■ 89.0034, 4.2469,
-8.1055

■ 62.7299, 30.8658,
-50.2256

■ 98.4877, -4.0542,
3.6625

■ 54.9594, 40.4259,
-67.4890

100.0000, -5.3358,
5.4332

■ 47.8894, 50.2040,
-86.7420

■ 41.7104, 59.7785,
-107.7335

■ 36.6574, 68.2161,
-129.2370

■ 32.9612, 74.0230,
-148.5723

■ 30.8752, 76.2585,
-161.3159

Harmonies

Analogous

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



79.8416, -1.5740, -27.3444



79.8400, 12.7999, -20.8356



79.8416, 23.1173, -7.6731

Triad

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



79.8416, 12.7980, -20.8332



79.8416, 7.8423, 25.1453



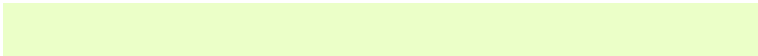
79.8416, -30.5141, 1.7614

Complementary

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



79.8400, 12.7999, -20.8356



96.6193, -20.4603, 25.6446

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.



79.8416, -28.3906, 14.7456



79.8400, 12.7999, -20.8356



79.8416, -6.9196, 26.7581

Square

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



79.8416, 12.7980, -20.8332



79.8416, 20.1142, 18.4199



79.8416, -20.0044, 23.3083



79.8416, -26.0289, -12.8730

Rectangle

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



79.8400, 12.7999, -20.8356



79.8416, 25.9283, 2.1691



79.8416, -20.0044, 23.3083



79.8416, -30.5456, 6.4633

Sweetspot

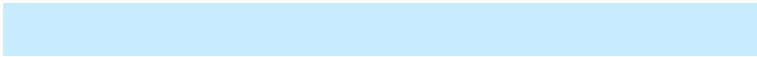
The Sweet Spot groups the original color and five complimentary colors.



79.8416, 12.7980, -20.8332



94.2463, -0.4014, -1.4503



89.0775, -12.0182, -8.2922



43.3158, 0.0649, -1.0257

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.8416, 12.7980, -20.8332



75.8971, 16.6839, -26.8470



82.6194, 21.7219, -16.6032



42.0704, 1.1642, -2.5943



22.4895, 55.2884, -115.5006



7.4272, 17.6648, -33.5377

Inverse Universe

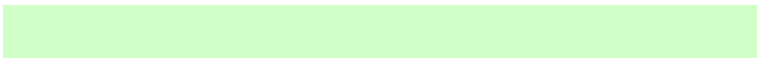
The Inverse Universe completely reimagines the original color for something new.



82.8065, 20.8375, -4.8877



79.5548, 26.3256, -6.8016



94.4125, -28.5855, 23.3586



42.6400, 2.8079, 0.3298



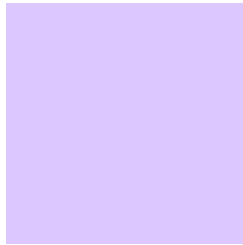
35.3648, 64.5159, -7.7882



11.1298, 20.4716, -3.7499

Previews

White Background



This preview shows how the HunterLab color 79.8400, 12.7999, -20.8356 looks on a white background.

Color Contrast Check

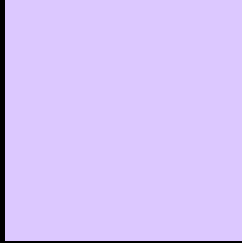
Large Text (above 18pt) WCAG AA × Fail

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 79.8400, 12.7999, -20.8356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

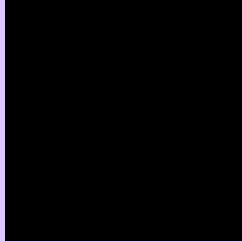
Any Text WCAG AA ✓ Pass

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 79.8400, 12.7999, -20.8356 Background



This preview shows how black text looks on a background with the HunterLab color 79.8400, 12.7999, -20.8356.



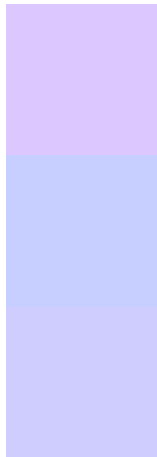
This preview shows how white text looks on a background with the HunterLab color 79.8400, 12.7999, -20.8356.

-20.8356.

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

79.8400, 12.7999, -20.8356

Protanopia

79.9071, 2.3502, -20.9182

Deuteranopia

80.0524, 5.8545, -20.0164



Tritanopia

79.9147, 1.4945, -2.0025

Trichromacy



Original Color

79.8400, 12.7999, -20.8356

Protanomaly

79.7042, 6.3033, -21.1527

Deuteranomaly

79.9154, 8.4526, -20.1744

Tritanomaly

79.9237, 5.4360, -8.4019

Monochromacy



Original Color

79.8400, 12.7999, -20.8356

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

80.7219, 1.5505, -4.1436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.8400, 12.7999, -20.8356 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(220, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 200, 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(220, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 200, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 79.8400, 12.7999, -20.8356 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(220, 200, 255) }
```


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

```
.border{ border-color:rgb(220, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 200,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.8400, 12.7999, -20.8356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 200, 255) }
```

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

```
.background{ background-color: rgb(220,  
200, 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