

Converting Colors

HunterLab(80.8559, 10.1328,
-19.3609)

Have a look what the booklet for
HunterLab(80.8559, 10.1328,
-19.3609) contains.

HunterLab(80.8153, 9.9962, -19.4358)	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(80.8153, 9.9962,
-19.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	DACCFF
RGB	218, 204, 255
RGB Percent	85%, 80%, 100%
CMY	0.1451, 0.2000, 0.0000
CMYK	0.15, 0.20, 0.00, 0.00
HSL	256°, 100%, 90%
HSV	256°, 20%, 100%
XYZ	68.5563, 65.3111, 103.6008
YIQ	214.0000, -8.0270, 18.8290

Conversions

Conversions Part 2

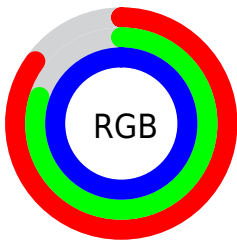
Format	Color
R _Y B	218, 204, 255
Decimal	14339327
CIE _{Lab}	84.65, 14.60, -23.19
CIE _{LCh}	85, 27.398, 302.191
Y _{xy}	65.3138, 0.2887, 0.2750
Android (android.graphics.Color)	4292529407 (0xFFDACCF)
YUV	214.0000, 20.2130, 3.5080
Hunter-Lab	80.8153, 9.9962, -19.4358

Details

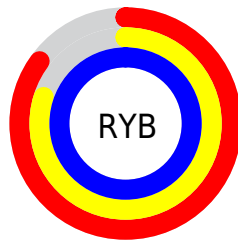
The HunterLab color $80.8153, 9.9962, -19.4358$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $97.2528, -17.9695, 24.7831$, and the grayscale version is $81.9221, -4.3712, 4.4510$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $58.0314, 9.8046, -18.6545$ is the 20% darker color. If you saturate the color by 10%, you get $71.7446, 18.1473, -33.6578$, and if you desaturate by 10%, it is $90.2538, 2.1918, -6.4979$.

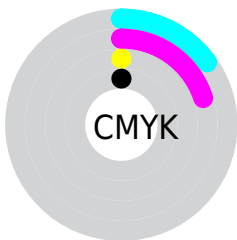
Distribution



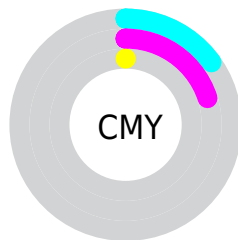
- Red (85%)
- Green (80%)
- Blue (100%)



- Red (85%)
- Yellow (80%)
- Blue (100%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.8153, 9.9962, -19.4358 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 80.8153, 9.9962, -19.4358 by changing the saturation by 10% instead.

80.8153, 9.9962,
-19.4358

80.8153, 9.9962,
-19.4358

210.6938, 8.1351,
-19.3931

69.0764, 9.9418,
-19.1776

106.0664, 9.9171,
-19.7711

57.9669, 9.8202,
-18.8607

119.5234, 9.7967,
-19.8584

47.5266, 9.6215,
-18.4817

133.5058, 9.6271,
-19.8948

37.8013, 9.3354,
-18.0426

147.9946, 9.4113,
-19.8828

28.8483, 8.9479,
-17.5532

162.9726, 9.1520,
-19.8246

20.7408, 8.4405,
-17.0436

178.4243, 8.8515,

13.5786, 7.7867,

-19.7223

-16.6060

194.3357, 8.5119,
-19.5779

■ 7.1711, 8.4863,
-17.8353

0.0000, NaN, -NF

■ 80.8153, 9.9962,
-19.4358

■ 80.8153, 9.9962,
-19.4358

■ 71.7446, 18.1473,
-33.6578

■ 90.2538, 2.1918,
-6.4979

■ 63.1094, 26.7324,
-49.5264

100.0000, -5.3358,
5.4332

■ 55.0121, 35.8120,
-67.4395

■ 47.5951, 45.3595,
-87.7324

■ 41.0565, 55.1025,
-110.3603

■ 35.6564, 64.2424,
-134.2192

■ 31.6799, 71.2256,
-156.2938

■ 29.1926, 74.7239,
-172.8510

■ 29.1922, 74.7245,
-172.8538

Harmonies

Analogous

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



80.8169, -3.3208, -24.3965



80.8153, 9.9962, -19.4358



80.8169, 19.9692, -7.9999

Triad

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



80.8169, 9.9944, -19.4334



80.8169, 8.1635, 23.3471



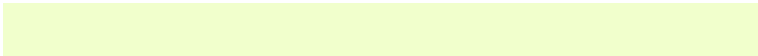
80.8169, -28.6722, 3.4484

Complementary

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



80.8153, 9.9962, -19.4358



97.2528, -17.9695, 24.7831

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.



80.8169, -26.0351, 15.0996



80.8153, 9.9962, -19.4358



80.8169, -5.3075, 25.4024

Square

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



80.8169, 9.9944, -19.4334



80.8169, 18.8643, 16.4883



80.8169, -17.6961, 22.6427



80.8169, -25.1473, -9.9050

Rectangle

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



80.8153, 9.9962, -19.4358



80.8169, 23.0651, 0.9690



80.8169, -17.6961, 22.6427



80.8169, -28.4773, 7.6851

Sweetspot

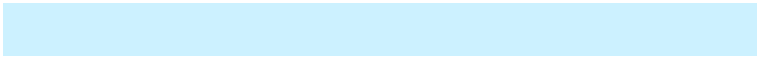
The Sweet Spot groups the original color and five complimentary colors.



80.8169, 9.9944, -19.4334



94.1163, -0.8473, -1.6204



91.2176, -13.7912, -5.5272



43.2491, -0.1636, -1.1136

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.8169, 9.9944, -19.4334



77.1390, 13.2104, -24.9527



83.3551, 18.2510, -15.6115



41.9749, 0.8394, -2.7238



21.2506, 54.1447, -123.8818



7.0082, 17.2429, -36.1007

Inverse Universe

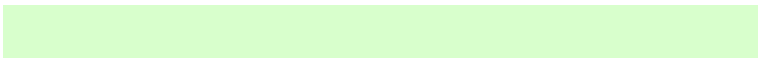
The Inverse Universe completely reimagines the original color for something new.



84.1421, 19.7307, -6.4475



81.2031, 24.8461, -8.7019



95.1126, -25.7866, 22.5438



42.6735, 2.9875, -0.1465



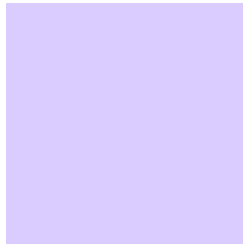
36.0079, 66.8215, -16.7071



11.3176, 21.1421, -6.3336

Previews

White Background



This preview shows how the HunterLab color 80.8153, 9.9962, -19.4358 looks on a white background.

Color Contrast Check

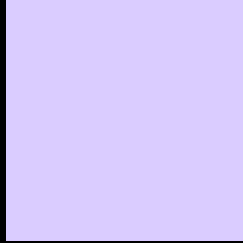
Large Text (above 18pt) WCAG AA × Fail

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 80.8153, 9.9962, -19.4358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

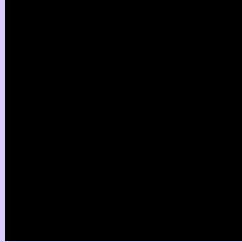
Any Text WCAG AA ✓ Pass

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 80.8153, 9.9962, -19.4358 Background



This preview shows how black text looks on a background with the HunterLab color 80.8153, 9.9962, -19.4358.



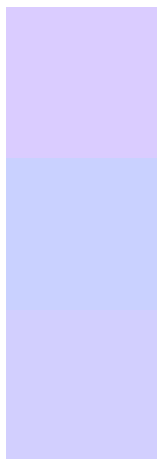
This preview shows how white text looks on a background with the HunterLab color 80.8153, 9.9962, -19.4358.

-19.4358.

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

80.8153, 9.9962, -19.4358

Protanopia

80.7703, 2.1627, -19.6393

Deuteranopia

80.9216, 5.6944, -18.7377



Tritanopia

80.7701, 0.0213, -3.0461

Trichromacy



Original Color

80.8153, 9.9962, -19.4358

Protanomaly

80.6914, 5.0007, -19.7061

Deuteranomaly

80.8978, 7.1490, -18.7471

Tritanomaly

80.7386, 3.7899, -9.0193

Monochromacy



Original Color

80.8153, 9.9962, -19.4358

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

81.3618, 0.6897, -3.8723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.8153, 9.9962, -19.4358 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(218, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 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(218, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 80.8153, 9.9962, -19.4358 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(218, 204, 255) }
```


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

```
.border{ border-color:rgb(218, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.8153, 9.9962, -19.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 255) }
```

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

```
.background{ background-color: rgb(218,  
204, 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