

Converting Colors

HunterLab(83.1225, 25.1790,
-53.3541)

Have a look what the booklet for
HunterLab(83.1225, 25.1790,
-53.3541) contains.

HunterLab(80.6168, 12.3516, -19.6878)	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(80.6168, 12.3516,
-19.6878)**

Conversions

Conversions Part 1

Format	Color
Hex	DECAFF
RGB	222, 202, 255
RGB Percent	87%, 79%, 100%
CMY	0.1294, 0.2078, 0.0000
CMYK	0.13, 0.21, 0.00, 0.00
HSL	263°, 100%, 90%
HSV	263°, 21%, 100%
XYZ	69.2948, 64.9907, 103.5000
YIQ	214.0220, -5.0930, 20.7230

Conversions

Conversions Part 2

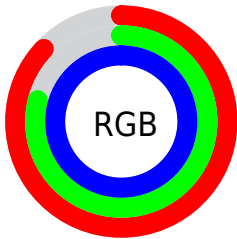
Format	Color
R _Y B	222, 202, 255
Decimal	14600959
CIE Lab	84.48, 16.91, -23.41
CIE LCh	84, 28.877, 305.848
Yxy	64.9933, 0.2914, 0.2733
Android (android.graphics.Color)	4292791039 (0xFFDECAFF)
YUV	214.0220, 20.2022, 6.9967
Hunter-Lab	80.6168, 12.3516, -19.6878

Details

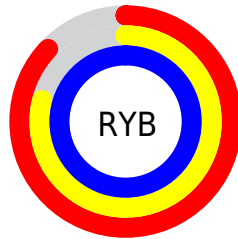
The HunterLab color $80.6168, 12.3516, -19.6878$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.6680, -20.1858, 24.9397$, and the grayscale version is $81.9308, -4.3716, 4.4515$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $57.7616, 11.7400, -19.0418$ is the 20% darker color. If you saturate the color by 10%, you get $71.8392, 21.2841, -33.4416$, and if you desaturate by 10%, it is $89.7726, 3.7104, -7.1010$.

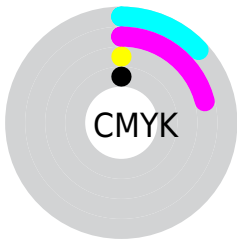
Distribution



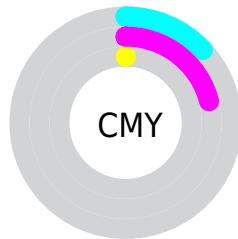
- Red (87%)
- Green (79%)
- Blue (100%)



- Red (87%)
- Yellow (79%)
- Blue (100%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6168, 12.3516, -19.6878 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 80.6168, 12.3516, -19.6878 by changing the saturation by 10% instead.

80.6168, 12.3516,
-19.6878

80.6168, 12.3516,
-19.6878

210.4205, 11.2783,
-19.7102

68.8881, 12.1931,
-19.4219

105.8491, 12.4681,
-20.0384

57.7893, 11.9628,
-19.0975

119.2972, 12.4404,
-20.1331

47.3603, 11.6499,
-18.7112

133.2711, 12.3603,
-20.1769

37.6473, 11.2433,
-18.2656

147.7517, 12.2311,
-20.1721

28.7075, 10.7284,
-17.7711

162.7217, 12.0560,
-20.1211

20.6148, 10.0858,
-17.2598

178.1658, 11.8374,

13.4692, 9.2895,

-20.0258

-16.8285

194.0697, 11.5775,
-19.8883

7.0427, 10.1053,
-18.2662

0.0000, NaN, -NF

80.6168, 12.3516,
-19.6878

80.6168, 12.3516,
-19.6878

71.8392, 21.2841,
-33.4416

89.7726, 3.7104,
-7.1010

63.5089, 30.5556,
-48.6542

99.2465, -4.6873,
4.5544

55.7284, 40.1599,
-65.6115

100.0000, -5.3358,
5.4332

48.6357, 49.9674,
-84.4889

■ 42.4152, 59.5735,
-105.0682

■ 37.2946, 68.0868,
-126.2324

■ 33.5013, 74.0665,
-145.4950

■ 31.1752, 76.5472,
-159.3780

Harmonies

Analogous

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



80.6184, -1.4994, -26.0314



80.6168, 12.3516, -19.6878



80.6184, 22.2068, -7.0028

Triad

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



80.6184, 12.3497, -19.6854



80.6184, 7.1960, 24.7065



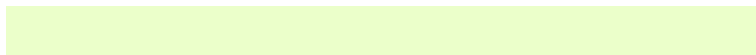
80.6184, -29.7564, 1.6913

Complementary

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



80.6168, 12.3516, -19.6878



96.6680, -20.1858, 24.9397

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.



80.6184, -27.7812, 14.3269



80.6168, 12.3516, -19.6878



80.6184, -7.0745, 26.2222

Square

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



80.6184, 12.3497, -19.6854



80.6184, 19.0899, 18.1901



80.6184, -19.7103, 22.7616



80.6184, -25.3048, -12.3891

Rectangle

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



80.6168, 12.3516, -19.6878



80.6184, 24.8351, 2.4812



80.6184, -19.7103, 22.7616



80.6184, -29.8179, 6.2499

Sweetspot

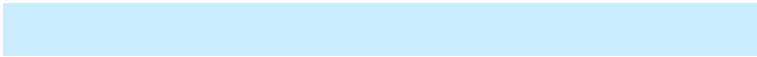
The Sweet Spot groups the original color and five complimentary colors.



80.6184, 12.3497, -19.6854



94.2663, -0.3326, -1.4241



89.1739, -11.3716, -8.1533



43.3261, 0.1002, -1.0122

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.6184, 12.3497, -19.6854



76.8662, 16.0789, -25.3287



83.3113, 21.0247, -15.6252



42.0852, 1.2144, -2.5743



22.7085, 55.5017, -114.1049



7.4980, 17.7394, -33.1299

Inverse Universe

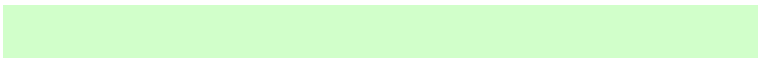
The Inverse Universe completely reimagines the original color for something new.



83.3676, 19.7380, -4.1824



80.2478, 24.9281, -5.9417



94.5252, -28.0659, 22.7044



42.6349, 2.7805, 0.4027



35.2742, 64.1895, -6.5193



11.1029, 20.3752, -3.3767

Previews

White Background



This preview shows how the HunterLab color 80.6168, 12.3516, -19.6878 looks on a white background.

Color Contrast Check

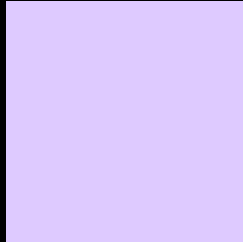
Large Text (above 18pt) WCAG AA × Fail

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 80.6168, 12.3516, -19.6878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

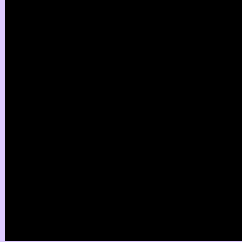
Any Text WCAG AA ✓ Pass

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 80.6168, 12.3516, -19.6878 Background



This preview shows how black text looks on a background with the HunterLab color 80.6168, 12.3516, -19.6878.



This preview shows how white text looks on a background with the HunterLab color 80.6168, 12.3516, -19.6878.

-19.6878.

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

80.6168, 12.3516, -19.6878

Protanopia

80.6847, 1.8718, -19.7708

Deuteranopia

80.6226, 6.2292, -19.1673



Tritanopia

80.7746, 1.4579, -1.9653

Trichromacy



Original Color

80.6168, 12.3516, -19.6878

Protanomaly

80.4814, 5.8359, -20.0024

Deuteranomaly

80.6936, 7.9955, -19.0320

Tritanomaly

80.7470, 5.2120, -7.8643

Monochromacy



Original Color

80.6168, 12.3516, -19.6878

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

81.5488, 1.3279, -3.6220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6168, 12.3516, -19.6878 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(222, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 202, 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(222, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 202, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6168, 12.3516, -19.6878 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(222, 202, 255) }
```


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

```
.border{ border-color:rgb(222, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 202,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6168, 12.3516, -19.6878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 202, 255) }
```

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

```
.background{ background-color: rgb(222,  
202, 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