

Converting Colors

HunterLab(81.9169, -0.6897,
-18.0107)

Have a look what the booklet for
HunterLab(81.9169, -0.6897,
-18.0107) contains.

HunterLab(81.8234, -0.5245, -18.1437)	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(81.8234, -0.5245,
-18.1437)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D5FF
RGB	199, 213, 255
RGB Percent	78%, 84%, 100%
CMY	0.2196, 0.1647, 0.0000
CMYK	0.22, 0.16, 0.00, 0.00
HSL	225°, 100%, 89%
HSV	225°, 22%, 100%
XYZ	65.3975, 66.9507, 104.0838
YIQ	213.6020, -21.8260, 10.0940

Conversions

Conversions Part 2

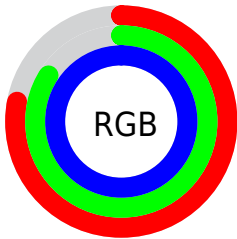
Format	Color
RYB	199, 210, 255
Decimal	13096447
CIELab	85.48, 4.00, -22.05
CIELCh	85, 22.411, 280.284
Yxy	66.9533, 0.2766, 0.2832
Android (android.graphics.Color)	4291286527 (0xFFC7D5FF)
YUV	213.6020, 20.4092, -12.8060
Hunter-Lab	81.8234, -0.5245, -18.1437

Details

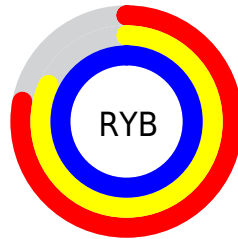
The HunterLab color $81.8234, -0.5245, -18.1437$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $93.9645, -6.7591, 23.6872$, and the grayscale version is $81.7539, -4.3622, 4.4418$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $58.7028, 0.4165, -17.7808$ is the 20% darker color. If you saturate the color by 10%, you get $73.9541, 2.5114, -30.2341$, and if you desaturate by 10%, it is $89.9630, -2.9902, -6.9687$.

Distribution



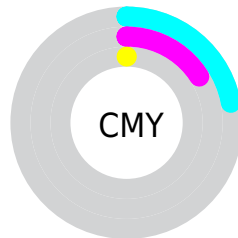
- Red (78%)
- Green (84%)
- Blue (100%)



- Red (78%)
- Yellow (82%)
- Blue (100%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.8234, -0.5245, -18.1437 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 81.8234, -0.5245, -18.1437 by changing the saturation by 10% instead.

■ 81.8234, -0.5245,
-18.1437

■ 81.8234, -0.5245,
-18.1437

212.0798, -6.0693,
-17.7640

■ 70.0333, -0.0869,
-17.9254

107.1697, -1.5242,
-18.3999

■ 58.8698, 0.3082,
-17.6481

120.6714, -2.0785,
-18.4483

■ 48.3719, 0.6552,
-17.3073

134.6968, -2.6668,
-18.4465

■ 38.5849, 0.9492,
-16.9035

149.2270, -3.2876,
-18.3970

■ 29.5648, 1.1833,
-16.4427

164.2452, -3.9395,
-18.3019

■ 21.3834, 1.3483,
-15.9469

179.7358, -4.6211,

■ 14.1375, 1.4298,

-18.1635

-15.4859

195.6850, -5.3314,
-17.9836

■ 7.7892, 1.8222,
-15.9186

0.0000, NaN, -NF

■ 81.8234, -0.5245,
-18.1437

■ 81.8234, -0.5245,
-18.1437

■ 73.9541, 2.5114,
-30.2341

■ 89.9630, -2.9902,
-6.9687

■ 66.3939, 6.2609,
-43.4639

■ 98.3345, -4.9905,
3.4629

■ 59.2016, 10.8947,
-58.0786

100.0000, -5.3358,
5.4332

■ 52.4534, 16.6136,
-74.3263

■ 46.2506, 23.6199,
-92.3676

■ 40.7249, 32.0358,
-112.0807

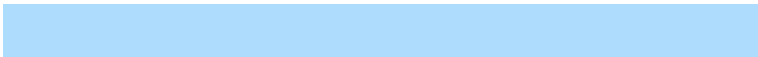
■ 36.0358, 41.7251,
-132.7232

■ 32.9543, 49.9573,
-149.0334

Harmonies

Analogous

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



81.8250, -11.4454, -17.0512



81.8234, -0.5245, -18.1437



81.8250, 9.8885, -12.5931

Triad

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



81.8250, -0.5260, -18.1413



81.8250, 12.5521, 16.5215



81.8250, -23.5044, 11.0102

Complementary

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



81.8234, -0.5245, -18.1437



93.9645, -6.7591, 23.6872

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.



81.8250, -17.7151, 18.4749



81.8234, -0.5245, -18.1437



81.8250, 2.9535, 21.3509

Square

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



81.8250, -0.5260, -18.1413



81.8250, 17.7013, 7.9955



81.8250, -8.1450, 22.0149



81.8250, -24.3251, 0.7467

Rectangle

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



81.8234, -0.5245, -18.1437



81.8250, 14.9986, -6.2605



81.8250, -8.1450, 22.0149



81.8250, -22.0900, 13.8906

Sweetspot

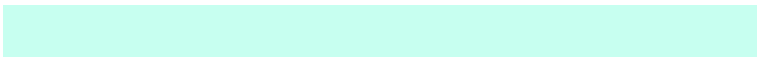
The Sweet Spot groups the original color and five complimentary colors.



81.8250, -0.5260, -18.1413



94.0875, -4.0344, -1.7122



94.8461, -24.7327, 6.4443



43.2956, -1.8104, -1.0839

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.8250, -0.5260, -18.1413



78.6105, 0.6251, -22.9051



78.7880, 10.8454, -22.4561



42.5624, -1.6288, -2.0102



24.2319, 34.8015, -105.4143



8.5798, 7.9269, -27.8359

Inverse Universe

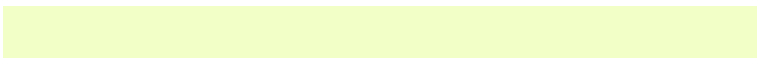
The Inverse Universe completely reimagines the original color for something new.



81.8001, 17.6196, 5.0833



78.7067, 21.9837, 5.2420



97.2159, -18.3459, 26.6282



42.4989, 2.0506, 2.3392



33.6463, 58.2501, 16.8591



10.5776, 18.4665, 4.1065

Previews

White Background



This preview shows how the HunterLab color 81.8234, -0.5245, -18.1437 looks on a white background.

Color Contrast Check

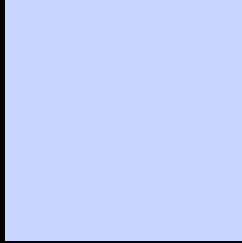
Large Text (above 18pt) WCAG AA × Fail

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 81.8234, -0.5245, -18.1437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

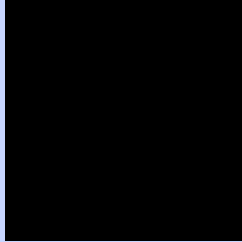
Any Text WCAG AA ✓ Pass

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 81.8234, -0.5245, -18.1437 Background



This preview shows how black text looks on a background with the HunterLab color 81.8234, -0.5245, -18.1437.



This preview shows how white text looks on a background with the HunterLab color 81.8234, -0.5245, -18.1437.

-18.1437.

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

81.8234, -0.5245, -18.1437

Protanopia

81.6844, 2.0659, -17.6896

Deuteranopia

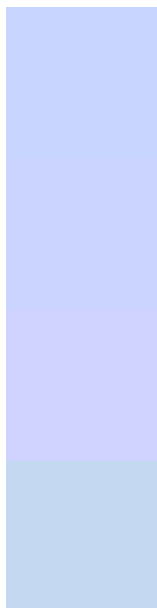
81.8334, 5.7521, -18.0192



Tritanopia

81.9563, -8.0182, -5.9528

Trichromacy



Original Color

81.8234, -0.5245, -18.1437

Protanomaly

81.8164, 0.9486, -17.5180

Deuteranomaly

81.6842, 3.7023, -18.2722

Tritanomaly

82.0112, -5.6409, -10.2949

Monochromacy



Original Color

81.8234, -0.5245, -18.1437

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

82.0400, -3.2679, -3.0771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.8234, -0.5245, -18.1437 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(199, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 213, 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(199, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 81.8234, -0.5245, -18.1437 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(199, 213, 255) }
```


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

```
.border{ border-color:rgb(199, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 213,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.8234, -0.5245, -18.1437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 213, 255) }
```

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

```
.background{ background-color: rgb(199,  
213, 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