

Converting Colors

HunterLab(85.1027, 4.7481,
-13.3890)

Have a look what the booklet for
HunterLab(85.1027, 4.7481,
-13.3890) contains.

HunterLab(85.1667, 4.5750, -13.3031)	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(85.1667, 4.5750,
-13.3031)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD9FF
RGB	223, 217, 255
RGB Percent	87%, 85%, 100%
CMY	0.1255, 0.1490, 0.0000
CMYK	0.13, 0.15, 0.00, 0.00
HSL	249°, 100%, 93%
HSV	249°, 15%, 100%
XYZ	73.2943, 72.5337, 104.7451
YIQ	223.1260, -8.6220, 13.0900

Conversions

Conversions Part 2

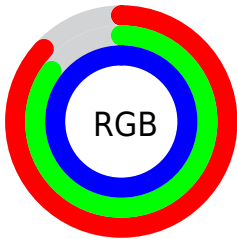
Format	Color
R _Y B	223, 217, 255
Decimal	14670335
CIE Lab	88.23, 9.26, -17.73
CIE LCh	88, 20.006, 297.576
Yxy	72.5366, 0.2925, 0.2895
Android (android.graphics.Color)	4292860415 (0xFFDFD9FF)
YUV	223.1260, 15.7139, -0.1105
Hunter-Lab	85.1667, 4.5750, -13.3031

Details

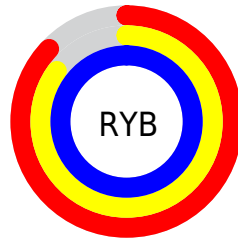
The HunterLab color $85.1667, 4.5750, -13.3031$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $98.3210, -13.4742, 20.7611$, and the grayscale version is $85.8946, -4.5831, 4.6668$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $61.8407, 5.1060, -13.0271$ is the 20% darker color. If you saturate the color by 10%, you get $75.6260, 11.6812, -27.3666$, and if you desaturate by 10%, it is $95.0494, -2.1516, -0.4832$.

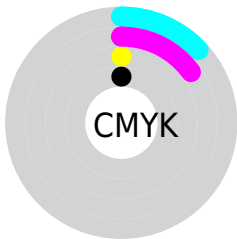
Distribution



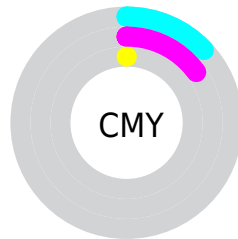
- Red (87%)
- Green (85%)
- Blue (100%)



- Red (87%)
- Yellow (85%)
- Blue (100%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1667, 4.5750, -13.3031 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 85.1667, 4.5750, -13.3031 by changing the saturation by 10% instead.

85.1667, 4.5750,
-13.3031

85.1667, 4.5750,
-13.3031

216.6581, 0.7627,
-11.6247

73.2101, 4.7820,
-13.2428

110.8238, 4.0068,
-13.2503

61.8706, 4.9356,
-13.1245

124.4713, 3.6564,
-13.1485

51.1858, 5.0280,
-12.9418

138.6371, 3.2650,
-12.9995

41.1985, 5.0520,
-12.6908

153.3029, 2.8348,
-12.8058

31.9615, 4.9976,
-12.3690

168.4523, 2.3678,
-12.5696

23.5414, 4.8513,
-11.9789

184.0701, 1.8658,

16.0270, 4.5932,

-12.2928

-11.5393

200.1429, 1.3303,
-11.9773

■ 9.5443, 4.1921,
-11.1315

0.0000, INF, -NF

■ 85.1667, 4.5750,
-13.3031

■ 85.1667, 4.5750,
-13.3031

■ 75.6260, 11.6812,
-27.3666

■ 95.0494, -2.1516,
-0.4832

■ 66.4860, 19.2892,
-43.0620

100.0000, -5.3358,
5.4332

■ 57.8376, 27.5307,
-60.8622

■ 49.8093, 36.5229,
-81.2838

■ 42.5871, 46.2589,
-104.6615

■ 36.4350, 56.3431,
-130.5158

■ 31.6901, 65.5470,
-156.3295

■ 28.6654, 71.6949,
-176.7628

■ 27.7059, 73.5058,
-184.0995

Harmonies

Analogous

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



85.1684, -5.3638, -15.8278



85.1667, 4.5750, -13.3031



85.1684, 12.3661, -5.8097

Triad

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



85.1684, 4.5730, -13.3007



85.1684, 6.0508, 18.7257



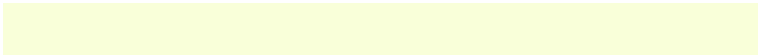
85.1684, -22.9906, 5.4089

Complementary

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



85.1667, 4.5750, -13.3031



98.3210, -13.4742, 20.7611

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.



85.1684, -20.2390, 13.9061



85.1667, 4.5750, -13.3031



85.1684, -3.7310, 21.0181

Square

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



85.1684, 4.5730, -13.3007



85.1684, 13.2467, 12.7064



85.1684, -13.3025, 19.3600



85.1684, -20.9937, -4.3107

Rectangle

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



85.1667, 4.5750, -13.3031



85.1684, 15.1351, 0.5897



85.1684, -13.3025, 19.3600



85.1684, -22.5932, 8.4929

Sweetspot

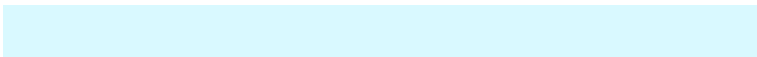
The Sweet Spot groups the original color and five complimentary colors.



85.1684, 4.5730, -13.3007



95.9536, -2.7414, 0.6198



94.8208, -14.1404, -0.9762



44.0428, -1.0403, -0.1395

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.1684, 4.5730, -13.3007



82.1715, 6.7306, -17.5117



86.9901, 10.6513, -10.6926



41.8514, 0.4180, -2.8917



20.1282, 53.2125, -132.2806



6.5746, 16.8461, -39.0598

Inverse Universe

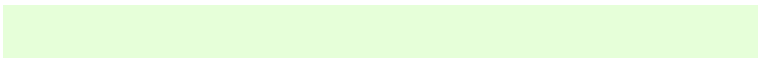
The Inverse Universe completely reimagines the original color for something new.



88.1635, 14.0703, -5.7004



85.8325, 18.1816, -7.9991



96.6453, -19.4969, 18.9367



42.7179, 3.2251, -0.7770



36.9922, 70.3120, -30.0631



11.5976, 22.1324, -10.1119

Previews

White Background



This preview shows how the HunterLab color 85.1667, 4.5750, -13.3031 looks on a white background.

Color Contrast Check

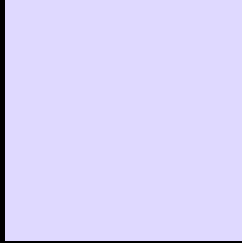
Large Text (above 18pt) WCAG AA × Fail

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 85.1667, 4.5750, -13.3031 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 85.1667, 4.5750, -13.3031 Background



This preview shows how black text looks on a background with the HunterLab color 85.1667, 4.5750, -13.3031.



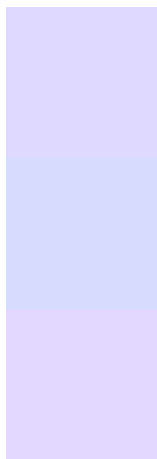
This preview shows how white text looks on a background with the HunterLab color 85.1667, 4.5750,

-13.3031.

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

85.1667, 4.5750, -13.3031

Protanopia

85.3542, 0.5073, -13.1140

Deuteranopia

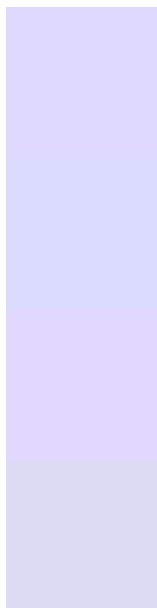
85.2424, 6.3796, -13.1664



Tritanopia

85.1566, -1.4675, -3.3364

Trichromacy



Original Color

85.1667, 4.5750, -13.3031

Protanomaly

85.3162, 1.9536, -13.1415

Deuteranomaly

85.1472, 6.0606, -13.3042

Tritanomaly

85.1862, 0.7030, -7.0660

Monochromacy



Original Color

85.1667, 4.5750, -13.3031

Achromatopsia

85.9017, -4.5835, 4.6672

Achromatomaly

85.6732, -1.4096, -1.6263

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.1667, 4.5750, -13.3031 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(223, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 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(223, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 85.1667, 4.5750, -13.3031 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(223, 217, 255) }
```


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

```
.border{ border-color:rgb(223, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 217, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 217, 255); box-shadow:4px 4px 4px 4px rgb(223, 217, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.1667, 4.5750, -13.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 255) }
```

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

```
.background{ background-color: rgb(223,  
217, 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