

# Converting Colors

HunterLab(85.7431, -13.1881,  
-8.2570)

Have a look what the booklet for  
HunterLab(85.7431, -13.1881,  
-8.2570) contains.

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# **Color**

**HunterLab(85.7746,  
-13.1858, -8.2022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE5F7
RGB	189, 229, 247
RGB Percent	74%, 90%, 97%
CMY	0.2588, 0.1019, 0.0314
CMYK	0.23, 0.07, 0.00, 0.03
HSL	199°, 78%, 85%
HSV	199°, 23%, 97%
XYZ	65.7940, 73.5728, 98.7289
YIQ	219.0920, -29.6180, -2.8820

# Conversions

## Conversions Part 2

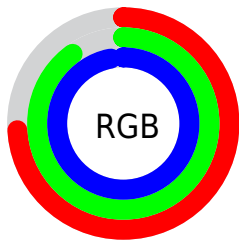
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 213, 247
Decimal	12445175
CIE Lab	88.72, -9.08, -13.03
CIE LCh	89, 15.877, 235.123
Yxy	73.5758, 0.2763, 0.3090
Android (android.graphics.Color)	4290635255 (0xFFBDE5F7)
YUV	219.0920, 13.7586, -26.3907
Hunter-Lab	85.7746, -13.1858, -8.2022

# Details

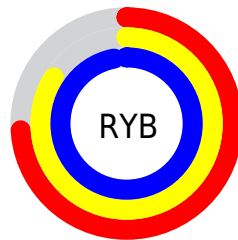
The HunterLab color  $85.7746, -13.1858, -8.2022$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $82.5071, 6.7441, 16.3608$ , and the grayscale version is  $84.1580, -4.4905, 4.5725$ .

A 20% lighter version of the original color is  $99.1629, -8.2600, 4.3927$ , and  $62.5976, -11.0770, -8.3073$  is the 20% darker color. If you saturate the color by 10%, you get  $81.5677, -15.5832, -13.9744$ , and if you desaturate by 10%, it is  $90.1908, -10.1466, -2.4502$ .

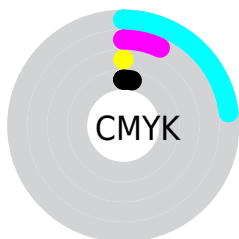
# Distribution



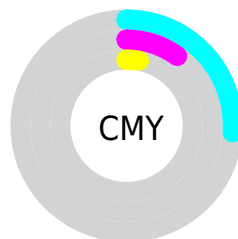
- Red (74%)
- Green (90%)
- Blue (97%)



- Red (74%)
- Yellow (84%)
- Blue (97%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (26%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7746, -13.1858, -8.2022 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 85.7746, -13.1858, -8.2022 by changing the saturation by 10% instead.



■ 85.7746, -13.1858,  
-8.2022

■ 85.7746, -13.1858,  
-8.2022

217.4875,  
-23.4611, -5.1458

■ 73.7882, -12.1081,  
-8.3146

■ 111.4874,  
-15.3767, -7.8185

■ 62.4172, -11.0372,  
-8.3717

125.1610,  
-16.4898, -7.5567

■ 51.6990, -9.9716,  
-8.3672

139.3520,  
-17.6162, -7.2515

■ 41.6761, -8.9070,  
-8.2956

154.0421,  
-18.7563, -6.9051

■ 32.4005, -7.8369,  
-8.1506

169.2150,  
-19.9107, -6.5196

■ 23.9381, -6.7509,  
-7.9262

184.8557,

■ 16.3762, -5.6304,

-21.0795, -6.0968

-7.6198

200.9507,  
-22.2629, -5.6384

■ 9.8385, -4.5883,  
-7.2480

0.0000, NaN, -NF

■ 85.7746, -13.1858,  
-8.2022

■ 85.7746, -13.1858,  
-8.2022

■ 81.5677, -15.5832,  
-13.9744

■ 90.1908, -10.1466,  
-2.4502

■ 77.5794, -17.2654,  
-19.7498

■ 94.7970, -6.5290,  
3.2622

■ 73.8253, -18.1653,  
-25.4986

■ 98.7901, -5.1366,  
7.9718

■ 70.3180, -18.2220,  
-31.1857

■ 99.7474, -6.7212,  
9.0408

■ 67.0669, -17.3906,  
-36.7711

■ 64.0759, -15.6551,  
-42.2150

■ 61.3387, -13.0474,  
-47.4897

■ 59.6649, -10.9811,  
-50.8709

# Harmonies

## Analogous

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



85.7763, -18.0471, -1.7676



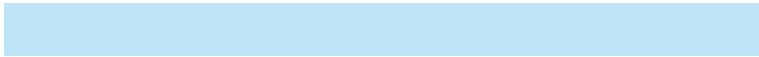
85.7746, -13.1858, -8.2022



85.7763, -5.8830, -11.1989

# Triad

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



85.7763, -13.1870, -8.2008



85.7763, 11.2621, 3.4179



85.7763, -11.0045, 16.8702

# Complementary

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



85.7746, -13.1858, -8.2022



82.5071, 6.7441, 16.3608

# 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.



85.7763, -3.2720, 17.9864



85.7746, -13.1858, -8.2022



85.7763, 9.7699, 10.6426

# Square

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



85.7763, -13.1870, -8.2008



85.7763, 8.3839, -4.1112



85.7763, 4.3774, 15.8097



85.7763, -16.8197, 12.6092



# Rectangle

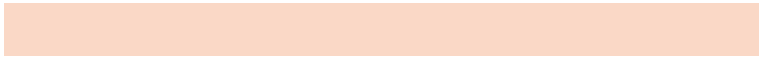
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7746, -13.1858, -8.2022



85.7763, -0.5380, -10.6643



85.7763, 4.3774, 15.8097



85.7763, -8.5513, 17.6081

# Sweetspot

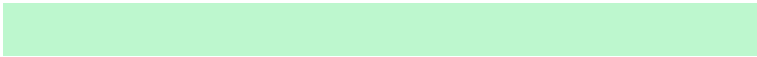
The Sweet Spot groups the original color and five complimentary colors.



85.7763, -13.1870, -8.2008



96.5853, -8.1584, 1.2965



90.4530, -29.1579, 16.7830



44.5505, -3.8813, 0.4343

0.0000, NaN, NaN

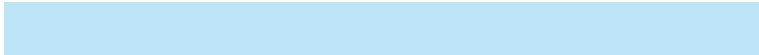


46.2646, -2.4686, 2.5136

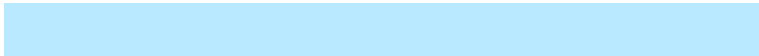


# Same Dimension

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



85.7763, -13.1870, -8.2008



86.9200, -14.8951, -11.2350



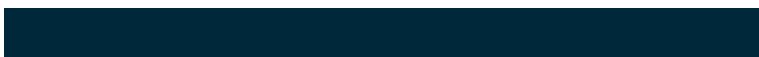
76.8914, 1.4072, -20.4486



42.2368, -4.0236, -0.0735



43.6936, -8.4491, -36.3739



13.6393, -3.5255, -9.4374



# Inverse Universe

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



78.6309, 22.8919, -7.0450



78.2620, 29.5020, -9.5735



91.1568, -8.0264, 24.7151



40.8358, 2.7681, 0.0530



34.6795, 63.9131, -12.6558

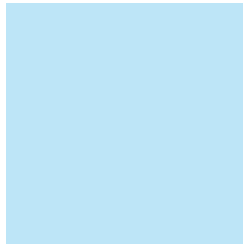


10.3703, 19.2665, -4.9812



# Previews

## White Background



This preview shows how the HunterLab color 85.7746, -13.1858, -8.2022 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

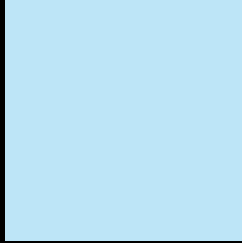
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.7746, -13.1858, -8.2022 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

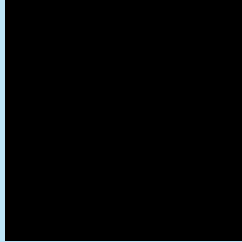
Any Text WCAG AA ✓ Pass

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 85.7746, -13.1858, -8.2022 Background



This preview shows how black text looks on a background with the HunterLab color 85.7746, -13.1858, -8.2022.



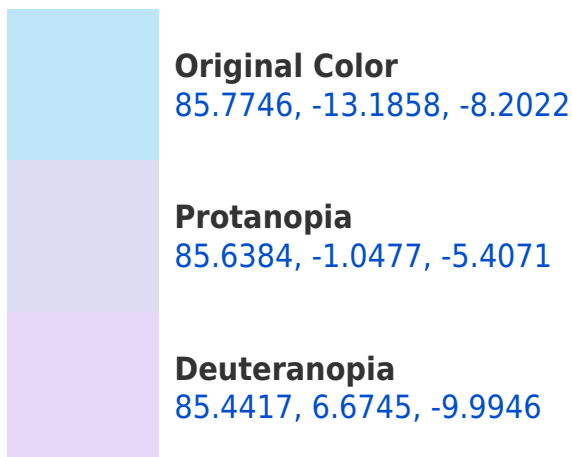
This preview shows how white text looks on a background with the HunterLab color 85.7746,

-13.1858, -8.2022.

# 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

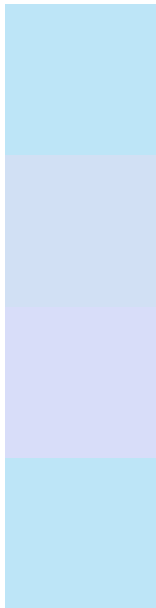




## Tritanopia

85.7746, -13.1858, -8.2022

# Trichromacy



## Original Color

85.7746, -13.1858, -8.2022

## Protanomaly

85.6728, -5.5834, -6.5379

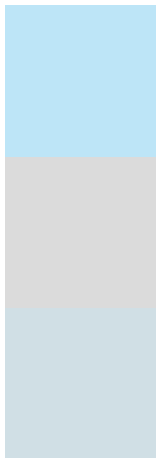
## Deuteranomaly

85.5286, -0.9242, -9.4419

## Tritanomaly

85.7746, -13.1858, -8.2022

# Monochromacy



## Original Color

85.7746, -13.1858, -8.2022

## Achromatopsia

84.1651, -4.4908, 4.5728

## Achromatomaly

84.7599, -8.1937, 0.2317

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.7746, -13.1858, -8.2022 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(189, 229, 247)` looks like.

```
.text, #text, p{  
    color:rgb(189, 229, 247)  
}
```

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(189, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 229, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.7746, -13.1858, -8.2022 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(189, 229, 247) }
```



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

```
.border{ border-color:rgb(189, 229, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 229, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 229, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 229, 247);  
box-shadow:4px 4px 4px 4px rgb(189, 229,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.7746, -13.1858, -8.2022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 229, 247) }
```

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

```
.background{ background-color: rgb(189,  
229, 247) }
```

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](#).

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