

# Converting Colors

HunterLab(86.1438, -12.5207,  
-6.3809)

Have a look what the booklet for  
HunterLab(86.1438, -12.5207,  
-6.3809) contains.

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# Color

**HunterLab(86.0817,  
-12.2316, -6.6708)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2E5F5
RGB	194, 229, 245
RGB Percent	76%, 90%, 96%
CMY	0.2392, 0.1019, 0.0392
CMYK	0.21, 0.07, 0.00, 0.04
HSL	199°, 72%, 86%
HSV	199°, 21%, 96%
XYZ	66.7489, 74.1006, 97.1711
YIQ	220.3590, -25.9960, -2.4440

# Conversions

## Conversions Part 2

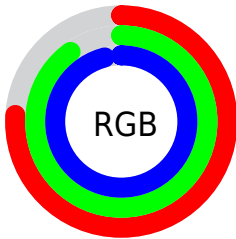
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 215, 245
Decimal	12772853
CIELab	88.97, -8.03, -11.57
CIELCh	89, 14.082, 235.254
Yxy	74.1036, 0.2804, 0.3113
Android (android.graphics.Color)	4290962933 (0xFFC2E5F5)
YUV	220.3590, 12.1480, -23.1168
Hunter-Lab	86.0817, -12.2316, -6.6708

# Details

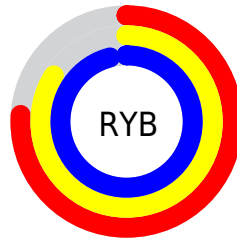
The HunterLab color  $86.0817, -12.2316, -6.6708$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $83.3073, 5.1446, 15.0979$ , and the grayscale version is  $84.7131, -4.5201, 4.6026$ .

A 20% lighter version of the original color is  $99.6239, -6.6465, 4.9667$ , and  $62.8663, -10.2506, -6.8469$  is the 20% darker color. If you saturate the color by 10%, you get  $81.8323, -14.7442, -12.4238$ , and if you desaturate by 10%, it is  $90.5343, -9.1035, -0.9469$ .

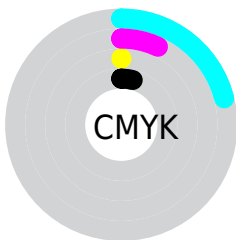
# Distribution



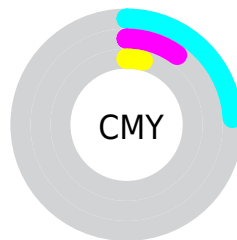
- Red (76%)
- Green (90%)
- Blue (96%)



- Red (76%)
- Yellow (84%)
- Blue (96%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (10%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.0817, -12.2316, -6.6708 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 86.0817, -12.2316, -6.6708 by changing the saturation by 10% instead.



■ 86.0817, -12.2316,  
-6.6708

■ 86.0817, -12.2316,  
-6.6708

217.9061,  
-22.1301, -3.1714

■ 74.0803, -11.2054,  
-6.8396

■ 111.8225,  
-14.3271, -6.1792

■ 62.6935, -10.1891,  
-6.9549

125.5093,  
-15.3956, -5.8658

■ 51.9585, -9.1817,  
-7.0103

139.7129,  
-16.4791, -5.5103

■ 41.9176, -8.1799,  
-7.0002

154.4154,  
-17.5780, -5.1150

■ 32.6226, -7.1784,  
-6.9179

169.6001,  
-18.6924, -4.6817

■ 24.1389, -6.1687,  
-6.7558

185.2524,

■ 16.5532, -5.1355,

-19.8225, -4.2124

-6.5075

201.3585,  
-20.9684, -3.7085

■ 9.9880, -4.1099,  
-6.1776

0.0000, NaN, -NF

■ 86.0817, -12.2316,  
-6.6708

■ 86.0817, -12.2316,  
-6.6708

■ 81.8323, -14.7442,  
-12.4238

■ 90.5343, -9.1035,  
-0.9469

■ 77.7953, -16.5685,  
-18.1914

■ 95.1709, -5.4215,  
4.7309

■ 73.9866, -17.6369,  
-23.9462

■ 98.7477, -5.5100,  
8.8827

■ 70.4194, -17.8859,  
-29.6555

■ 99.6858, -7.0596,  
9.9218

■ 67.1043, -17.2649,  
-35.2806

■ 64.0473, -15.7478,  
-40.7809

■ 61.2459, -13.3500,  
-46.1230

■ 58.8676, -10.4979,  
-50.9173

# Harmonies

## Analogous

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



86.0835, -16.5873, -1.0343



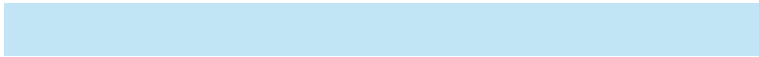
86.0817, -12.2316, -6.6708



86.0835, -5.7232, -9.2704

# Triad

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



86.0835, -12.2329, -6.6694



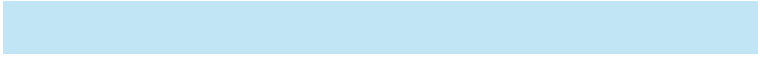
86.0835, 9.4181, 3.6055



86.0835, -10.3387, 15.6119

# Complementary

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



86.0817, -12.2316, -6.6708



83.3073, 5.1446, 15.0979

# 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.



86.0835, -3.4666, 16.6370



86.0817, -12.2316, -6.6708



86.0835, 8.0861, 10.0384

# Square

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



86.0835, -12.2329, -6.6694



86.0835, 6.8963, -3.0404



86.0835, 3.3130, 14.6779



86.0835, -15.5188, 11.7562



# Rectangle

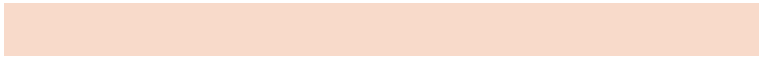
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



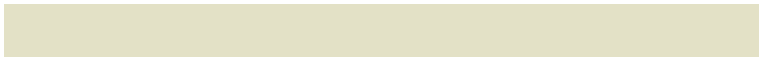
86.0817, -12.2316, -6.6708



86.0835, -0.9806, -8.7925



86.0835, 3.3130, 14.6779



86.0835, -8.1563, 16.2850

# Sweetspot

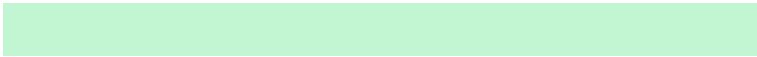
The Sweet Spot groups the original color and five complimentary colors.



86.0835, -12.2329, -6.6694



97.0510, -7.7443, 1.8694



90.2186, -26.4136, 15.3585



44.7536, -3.6988, 0.6848

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

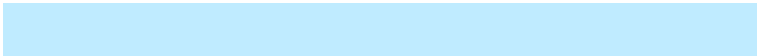


# Same Dimension

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



86.0835, -12.2329, -6.6694



88.1745, -13.9984, -9.5282



78.3227, 0.5241, -17.1238



42.2252, -4.0049, -0.0875



43.5056, -8.1625, -36.7577



13.5899, -3.4534, -9.5313



# Inverse Universe

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



79.7841, 19.4327, -5.5871



80.3922, 25.6661, -7.9815



90.8907, -7.7477, 22.5759



40.8346, 2.7617, 0.0702



34.6556, 63.8275, -12.3252

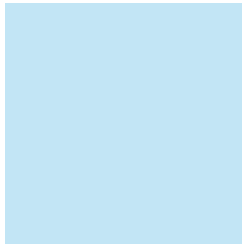


10.3638, 19.2431, -4.8912



# Previews

## White Background



This preview shows how the HunterLab color 86.0817, -12.2316, -6.6708 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

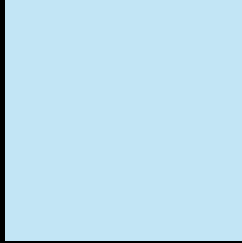
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.0817, -12.2316, -6.6708 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 86.0817, -12.2316, -6.6708 Background



This preview shows how black text looks on a background with the HunterLab color 86.0817, -12.2316, -6.6708.



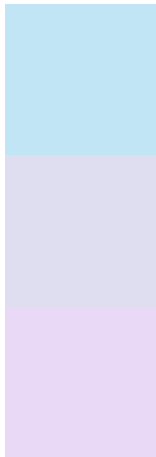
This preview shows how white text looks on a background with the HunterLab color 86.0817,

-12.2316, -6.6708.

# 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

86.0817, -12.2316, -6.6708

### Protanopia

86.0601, -1.3223, -3.7880

### Deuteranopia

85.8282, 6.2086, -7.7917



## Tritanopia

86.1530, -11.8348, -7.6783

# Trichromacy



## Original Color

86.0817, -12.2316, -6.6708

## Protanomaly

86.1732, -5.5900, -4.7961

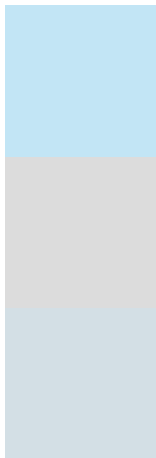
## Deuteranomaly

85.6894, -0.5887, -7.5363

## Tritanomaly

86.1172, -12.0336, -7.1734

# Monochromacy



## Original Color

86.0817, -12.2316, -6.6708

## Achromatopsia

84.5987, -4.5140, 4.5964

## Achromatomaly

85.0185, -7.2846, 0.5647

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.0817, -12.2316, -6.6708 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(194, 229, 245)` looks like.

```
.text, #text, p{  
    color:rgb(194, 229, 245)  
}
```

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(194, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 229, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.0817, -12.2316, -6.6708 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(194, 229, 245) }
```



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

```
.border{ border-color:rgb(194, 229, 245) }
```

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

Here you see how a box with a 4 pixel rgb(194, 229, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 229, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 229, 245);  
box-shadow:4px 4px 4px 4px rgb(194, 229,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.0817, -12.2316, -6.6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 229, 245) }
```

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

```
.background{ background-color: rgb(194,  
229, 245) }
```

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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