

# Converting Colors

HunterLab(80.5873, -18.5601,  
14.9784)

Have a look what the booklet for  
HunterLab(80.5873, -18.5601,  
14.9784) contains.

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# Color

**HunterLab(80.7189,  
-18.6821, 15.2896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEDBBA
RGB	190, 219, 186
RGB Percent	75%, 86%, 73%
CMY	0.2549, 0.1412, 0.2706
CMYK	0.13, 0.00, 0.15, 0.14
HSL	113°, 31%, 79%
HSV	113°, 15%, 86%
XYZ	55.4297, 65.1554, 56.1093
YIQ	206.5670, -6.6910, -16.4110

# Conversions

## Conversions Part 2

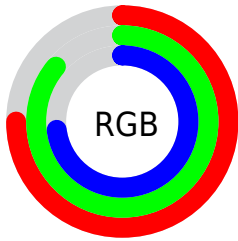
Format	Color
R <sub>YB</sub>	186, 219, 215
Decimal	12508090
CIE Lab	84.57, -15.73, 13.04
CIE LCh	85, 20.432, 140.333
Yxy	65.1582, 0.3137, 0.3687
Android (android.graphics.Color)	4290698170 (0xFFBEDBBA)
YUV	206.5670, -10.1395, -14.5293
Hunter-Lab	80.7189, -18.6821, 15.2896

# Details

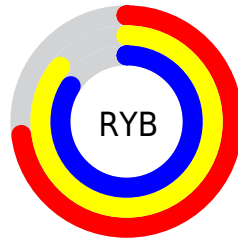
The HunterLab color  $80.7189, -18.6821, 15.2896$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $73.9468, 11.4975, -7.9702$ , and the grayscale version is  $78.8512, -4.2073, 4.2841$ .

A 20% lighter version of the original color is  $98.8458, -10.1929, 10.3421$ , and  $57.8607, -15.9177, 12.6364$  is the 20% darker color. If you saturate the color by 10%, you get  $78.7274, -27.1642, 21.5492$ , and if you desaturate by 10%, it is  $82.9496, -9.4396, 8.3393$ .

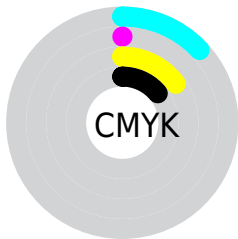
# Distribution



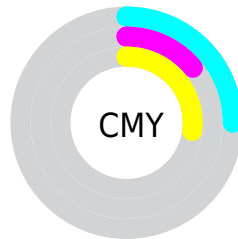
- Red (75%)
- Green (86%)
- Blue (73%)



- Red (73%)
- Yellow (86%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.7189, -18.6821, 15.2896 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 80.7189, -18.6821, 15.2896 by changing the saturation by 10% instead.



■ 80.7189, -18.6821,  
15.2896

■ 80.7189, -18.6821,  
15.2896

210.5612,  
-31.3761, 27.0146

■ 68.9850, -17.2685,  
14.0081

■ 105.9610,  
-21.4924, 17.8523

■ 57.8808, -15.8387,  
12.7184

119.4137,  
-22.8931, 19.1375

■ 47.4459, -14.3865,  
11.4147

133.3920,  
-24.2949, 20.4286

■ 37.7266, -12.9004,  
10.0869

147.8767,  
-25.6997, 21.7270

■ 28.7800, -11.3630,  
8.7197

162.8509,  
-27.1091, 23.0340

■ 20.6797, -9.7460,  
7.2880

178.2989,

■ 13.5255, -7.9985,

-28.5244, 24.3504

5.7687

194.2066,  
-29.9464, 25.6771

■ 7.1091, -10.0198,  
4.9764

0.0000, NaN, NaN

■ 80.7189, -18.6821,  
15.2896

■ 80.7189, -18.6821,  
15.2896

■ 78.7274, -27.1642,  
21.5492

■ 82.9496, -9.4396,  
8.3393

■ 76.9758, -34.7918,  
27.0506

■ 85.4065, 0.4757,  
0.7656

■ 75.4690, -41.4882,  
31.7421

■ 88.0820, 10.9699,  
-7.3581

■ 74.2070, -47.1916,  
35.5881

■ 88.9638, 14.1033,  
-7.9854

■ 73.1860, -51.8641,  
38.5756

■ 72.3977, -55.4980,  
40.7206

■ 71.8288, -58.1219,  
42.0736

■ 71.4597, -59.8076,  
42.7285

■ 71.3389, -60.3562,  
42.9021

# Harmonies

## Analogous

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



80.7206, -10.9307, 19.8294



80.7189, -18.6821, 15.2896



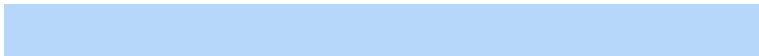
80.7206, -22.5285, 7.4265

# Triad

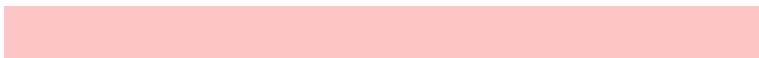
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7206, -18.6838, 15.2906



80.7206, -7.5377, -15.9576



80.7206, 14.6618, 10.5364

# Complementary

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



80.7189, -18.6821, 15.2896



73.9468, 11.4975, -7.9702

# 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.



80.7206, 15.6798, 1.2387



80.7189, -18.6821, 15.2896



80.7206, 2.5284, -14.8591

# Square

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



80.7206, -18.6838, 15.2906



80.7206, -16.3047, -11.1117



80.7206, 11.1428, -8.2720



80.7206, 8.4258, 17.3269



# Rectangle

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



80.7189, -18.6821, 15.2896



80.7206, -22.4930, 1.0193



80.7206, 11.1428, -8.2720



80.7206, 15.6371, 7.6287

# Sweetspot

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



80.7206, -18.6838, 15.2906



98.5608, -11.1848, 9.8849



81.8571, -7.4448, 16.6614



45.5077, -5.5475, 4.8558

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

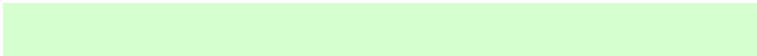


# Same Dimension

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



80.7206, -18.6838, 15.2906



95.1443, -25.4084, 20.5522



80.7384, -17.9539, 10.1573



38.3163, -6.3411, 5.3554



54.9548, -46.3776, 33.0510



14.0786, -11.4172, 8.4753



# Inverse Universe

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



73.9468, 11.4975, -7.9702



85.4929, 17.6240, -12.6224



73.9458, 10.6632, -1.5306



36.3189, 2.5509, -1.4952



31.2179, 63.1757, -55.1302

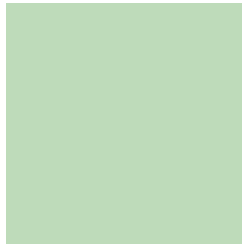


8.0894, 16.2820, -13.5992



# Previews

## White Background



This preview shows how the HunterLab color 80.7189, -18.6821, 15.2896 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 80.7189, -18.6821, 15.2896 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

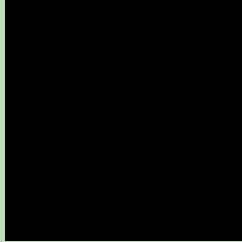
Any Text WCAG AA ✓ Pass

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 80.7189, -18.6821, 15.2896 Background



This preview shows how black text looks on a background with the HunterLab color 80.7189, -18.6821, 15.2896.



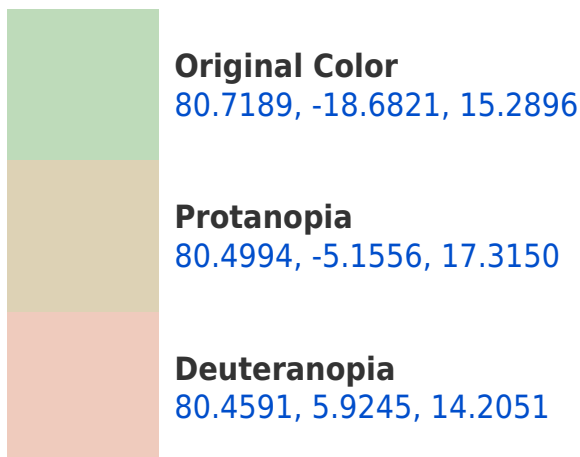
This preview shows how white text looks on a background with the HunterLab color 80.7189,

-18.6821, 15.2896.

# 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

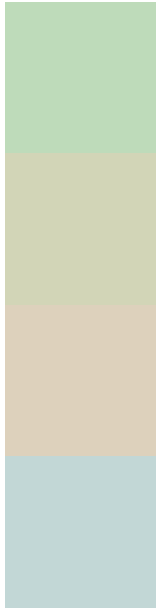




## Tritanopia

80.7292, -6.1711, -5.3447

# Trichromacy



## Original Color

80.7189, -18.6821, 15.2896

## Protanomaly

80.4419, -10.0307, 16.3725

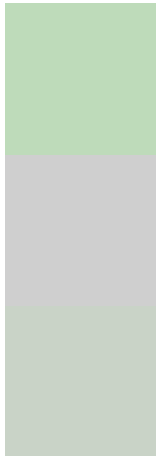
## Deuteranomaly

80.3766, -3.6439, 14.3686

## Tritanomaly

80.5762, -11.0012, 2.6461

# Monochromacy



## Original Color

80.7189, -18.6821, 15.2896

## Achromatopsia

78.9912, -4.2148, 4.2917

## Achromatomaly

79.4541, -9.4385, 8.4738

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.7189, -18.6821, 15.2896 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(190, 219, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 219, 186)  
}
```

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(190, 219, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 219, 186) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.7189, -18.6821, 15.2896 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(190, 219, 186) }
```



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

```
.border{ border-color:rgb(190, 219, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 219, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 219, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 219, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 219,  
186) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.7189, -18.6821, 15.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 219, 186) }
```

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

```
.background{ background-color: rgb(190,  
219, 186) }
```

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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