

# Converting Colors

HunterLab(81.6887, -13.7107,  
1.3040)

Have a look what the booklet for  
HunterLab(81.6887, -13.7107,  
1.3040) contains.

<b>HunterLab(81.6066, -13.5320, 1.3579)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**HunterLab(81.6066,  
-13.5320, 1.3579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDDDBD
RGB	189, 219, 219
RGB Percent	74%, 86%, 86%
CMY	0.2588, 0.1412, 0.1412
CMYK	0.14, 0.00, 0.00, 0.14
HSL	180°, 29%, 80%
HSV	180°, 14%, 86%
XYZ	59.1040, 66.5964, 76.7572
YIQ	210.0300, -17.8800, -6.3600

# Conversions

## Conversions Part 2

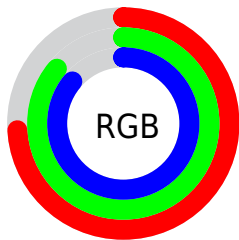
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 204, 219
Decimal	12442587
CIELab	85.30, -9.87, -3.34
CIElCh	85, 10.417, 198.716
Yxy	66.5991, 0.2919, 0.3289
Android (android.graphics.Color)	4290632667 (0xFFBDDDBD)
YUV	210.0300, 4.4222, -18.4433
Hunter-Lab	81.6066, -13.5320, 1.3579

# Details

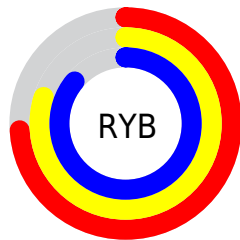
The HunterLab color  $81.6066, -13.5320, 1.3579$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $74.2504, 6.1267, 7.4139$ , and the grayscale version is  $80.2810, -4.2836, 4.3618$ .

A 20% lighter version of the original color is  $99.1629, -8.2600, 4.3927$ , and  $58.6363, -11.3853, 0.4186$  is the 20% darker color. If you saturate the color by 10%, you get  $80.0041, -19.3547, -0.7064$ , and if you desaturate by 10%, it is  $83.4354, -7.0475, 3.6637$ .

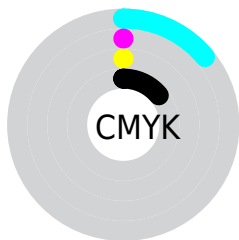
# Distribution



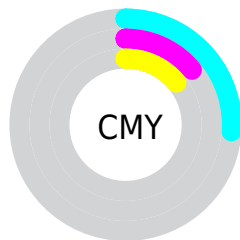
- Red (74%)
- Green (86%)
- Blue (86%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



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



- Cyan (26%)
- Magenta (14%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.6066, -13.5320, 1.3579 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 81.6066, -13.5320, 1.3579 by changing the saturation by 10% instead.



■ 81.6066, -13.5320,  
1.3579

■ 81.6066, -13.5320,  
1.3579

211.7821,  
-24.0549, 7.3290

■ 69.8276, -12.4179,  
0.8679

■ 106.9326,  
-15.7887, 2.4576

■ 58.6756, -11.3072,  
0.4190

120.4247,  
-16.9317, 3.0603

■ 48.1901, -10.1976,  
0.0159

134.4409,  
-18.0863, 3.6964

■ 38.4163, -9.0834,  
-0.3371

148.9622,  
-19.2534, 4.3643

■ 29.4105, -7.9561,  
-0.6340

163.9718,  
-20.4334, 5.0626

■ 21.2449, -6.8013,  
-0.8670

179.4541,

■ 14.0169, -5.5934,

-21.6268, 5.7902

-1.0247

195.3951,  
-22.8339, 6.5459

■ 7.6607, -6.0210,  
-1.3916

0.0000, NaN, NaN

■ 81.6066, -13.5320,  
1.3579

■ 81.6066, -13.5320,  
1.3579

■ 80.0041, -19.3547,  
-0.7064

■ 83.4354, -7.0475,  
3.6637

■ 78.6243, -24.4616,  
-2.5164

■ 85.4815, 0.0453,  
6.1875

■ 77.4680, -28.8171,  
-4.0583

■ 87.7407, 7.6825,  
8.9092

■ 76.5307, -32.4001,  
-5.3256

■ 87.7727, 7.7897,  
8.9464

75.8045, -35.2097,  
-6.3183

87.7728, 7.7901,  
8.9454

75.2774, -37.2680,  
-7.0449

87.7729, 7.7905,  
8.9444

74.9326, -38.6236,  
-7.5228

87.7729, 7.7908,  
8.9434

74.7468, -39.3567,  
-7.7806

87.7730, 7.7912,  
8.9425

74.6854, -39.5998,  
-7.8657

87.7731, 7.7916,  
8.9415

# Harmonies

## Analogous

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



81.6083, -13.8508, 6.2651



81.6066, -13.5320, 1.3579



81.6083, -10.7943, -2.9635

# Triad

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



81.6083, -13.5335, 1.3592



81.6083, 3.2217, -2.0251



81.6083, -2.4108, 13.1561

# Complementary

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



81.6066, -13.5320, 1.3579



74.2504, 6.1267, 7.4139

# 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.



81.6083, 2.2826, 11.2129



81.6066, -13.5320, 1.3579



81.6083, 5.5879, 2.5761

# Square

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



81.6083, -13.5335, 1.3592



81.6083, -1.1547, -4.9995



81.6083, 5.2400, 7.4094



81.6083, -7.5142, 12.8752



# Rectangle

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



81.6066, -13.5320, 1.3579



81.6083, -7.9246, -4.8384



81.6083, 5.2400, 7.4094



81.6083, -0.7307, 12.7465

# Sweetspot

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



81.6083, -13.5335, 1.3592



99.0538, -8.6432, 4.2569



80.7607, -18.3773, 14.0970



45.7467, -4.2805, 1.8693

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.6083, -13.5335, 1.3592



96.4707, -17.8404, 0.9896



77.0450, -6.2764, -4.2113



38.5092, -5.0707, 1.0820



57.5089, -30.4924, -6.0568



14.6377, -7.7610, -1.5420



# Inverse Universe

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



74.2504, 6.1267, 7.4139



86.2090, 9.6037, 9.4423



78.5398, -1.3640, 12.0269



36.1269, 1.2871, 3.0398



29.8830, 51.1757, 19.3087

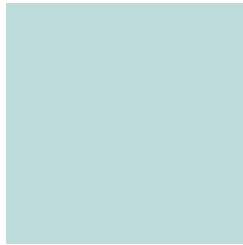


7.6061, 13.0259, 4.9138



# Previews

## White Background



This preview shows how the HunterLab color 81.6066, -13.5320, 1.3579 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

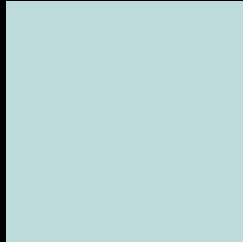
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.6066, -13.5320, 1.3579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

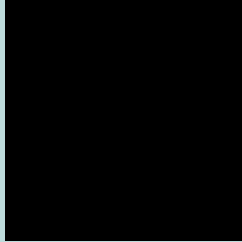
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

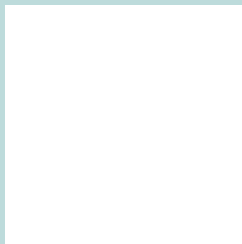
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 81.6066, -13.5320, 1.3579 Background



This preview shows how black text looks on a background with the HunterLab color 81.6066, -13.5320, 1.3579.



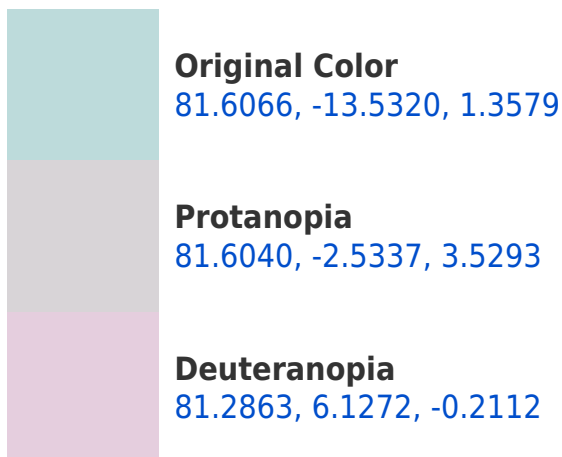
This preview shows how white text looks on a background with the HunterLab color 81.6066, -13.5320, 1.3579.

-13.5320, 1.3579.

# 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

81.7146, -8.8711, -6.2833

# Trichromacy



## Original Color

81.6066, -13.5320, 1.3579

## Protanomaly

81.6582, -7.0483, 3.0239

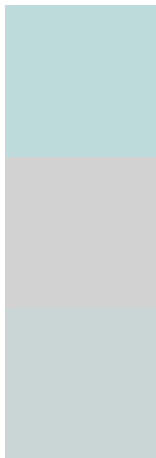
## Deuteranomaly

81.3051, -1.6070, 0.1876

## Tritanomaly

81.7779, -10.6188, -3.5390

# Monochromacy



## Original Color

81.6066, -13.5320, 1.3579

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

80.5910, -7.7832, 3.2113

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.6066, -13.5320, 1.3579 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, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 219)  
}
```

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, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 219) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.6066, -13.5320, 1.3579 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, 219, 219) }
```



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

```
.border{ border-color:rgb(189, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
219) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.6066, -13.5320, 1.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 219) }
```

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

```
.background{ background-color: rgb(189,  
219, 219) }
```

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