

# Converting Colors

HunterLab(82.3572, -12.5518,  
-9.9475)

Have a look what the booklet for  
HunterLab(82.3572, -12.5518,  
-9.9475) contains.

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# Color

**HunterLab(82.3572,  
-12.5518, -9.9475)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DDF2
RGB	180, 221, 242
RGB Percent	71%, 87%, 95%
CMY	0.2941, 0.1333, 0.0510
CMYK	0.26, 0.09, 0.00, 0.05
HSL	200°, 70%, 83%
HSV	200°, 26%, 95%
XYZ	60.7059, 67.8271, 93.8968
YIQ	211.1350, -31.1770, -2.1610

# Conversions

## Conversions Part 2

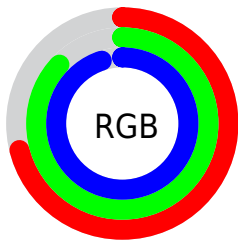
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 205, 242
Decimal	11853298
CIELab	85.92, -8.72, -14.64
CIELCh	86, 17.041, 239.233
Yxy	67.8298, 0.2729, 0.3049
Android (android.graphics.Color)	4290043378 (0xFFB4DDF2)
YUV	211.1350, 15.2164, -27.3054
Hunter-Lab	82.3572, -12.5518, -9.9475

# Details

The HunterLab color  $82.3572, -12.5518, -9.9475$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $79.9664, 6.8109, 17.3777$ , and the grayscale version is  $80.7156, -4.3068, 4.3854$ .

A 20% lighter version of the original color is  $98.3588, -11.0929, 3.3851$ , and  $59.3744, -10.3979, -9.9841$  is the 20% darker color. If you saturate the color by 10%, you get  $78.0714, -14.4286, -15.9420$ , and if you desaturate by 10%, it is  $86.8485, -10.0463, -4.0095$ .

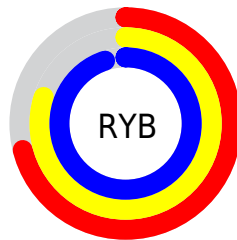
# Distribution



Red (71%)

Green (87%)

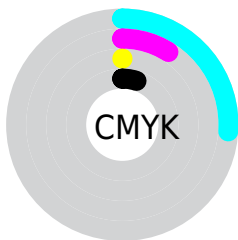
Blue (95%)



Red (71%)

Yellow (80%)

Blue (95%)

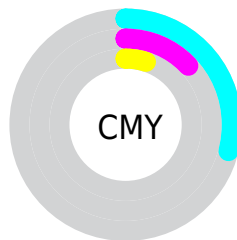


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (13%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.3572, -12.5518, -9.9475 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 82.3572, -12.5518, -9.9475 by changing the saturation by 10% instead.



■ 82.3572, -12.5518,  
-9.9475

■ 82.3572, -12.5518,  
-9.9475

212.8128,  
-22.6610, -7.4732

■ 70.5403, -11.4945,  
-9.9844

■ 107.7537,  
-14.7027, -9.7073

■ 59.3483, -10.4446,  
-9.9632

121.2789,  
-15.7966, -9.5137

■ 48.8202, -9.4003,  
-9.8776

135.3269,  
-16.9042, -9.2746

■ 39.0007, -8.3571,  
-9.7224

149.8790,  
-18.0260, -8.9924

■ 29.9455, -7.3081,  
-9.4925

164.9183,  
-19.1623, -8.6693

■ 21.7253, -6.2418,  
-9.1848

180.4295,

■ 14.4356, -5.1374,

-20.3135, -8.3073

-8.8067

196.3985,  
-21.4797, -7.9081

8.0964, -5.1241,  
-8.7037

0.0000, NaN, -NF

82.3572, -12.5518,  
-9.9475

82.3572, -12.5518,  
-9.9475

78.0714, -14.4286,  
-15.9420

86.8485, -10.0463,  
-4.0095

74.0014, -15.6028,  
-21.9793

91.5254, -6.9764,  
1.8567

70.1640, -16.0054,  
-28.0319

96.3758, -3.4056,  
7.6468

66.5733, -15.5731,  
-34.0657

99.2069, -6.9244,  
10.8045

■ 63.2403, -14.2593,  
-40.0394

■ 99.5946, -7.5611,  
11.2277

■ 60.1704, -12.0478,  
-45.9106

■ 57.3578, -8.9756,  
-51.6490

■ 56.1847, -7.4433,  
-54.1580

# Harmonies

## Analogous

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



82.3589, -18.1134, -3.4343



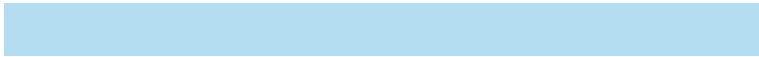
82.3572, -12.5518, -9.9475



82.3589, -4.6165, -12.5318

# Triad

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



82.3589, -12.5529, -9.9461



82.3589, 12.4987, 4.2756



82.3589, -12.1902, 16.8710

# Complementary

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



82.3572, -12.5518, -9.9475



79.9664, 6.8109, 17.3777

# 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.



82.3589, -4.1810, 18.4983



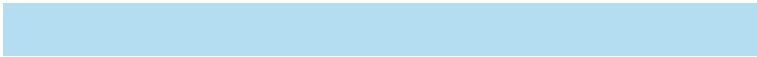
82.3572, -12.5518, -9.9475



82.3589, 10.2763, 11.6848

# Square

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



82.3589, -12.5529, -9.9461



82.3589, 10.0437, -3.8287



82.3589, 4.0853, 16.6972



82.3589, -17.9100, 12.0097



# Rectangle

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



82.3572, -12.5518, -9.9475



82.3589, 1.0261, -11.4997



82.3589, 4.0853, 16.6972



82.3589, -9.6869, 17.7913

# Sweetspot

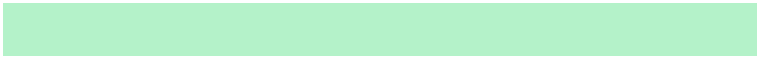
The Sweet Spot groups the original color and five complimentary colors.



82.3589, -12.5529, -9.9461



95.9192, -8.2375, 0.4814



87.9831, -30.0527, 16.5885



44.0277, -4.0458, -0.2108

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

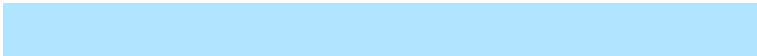


# Same Dimension

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



82.3589, -12.5529, -9.9461



84.8862, -14.4976, -14.0275



72.8610, 3.1612, -23.4068



41.2004, -3.7762, -0.1811



41.4982, -5.9572, -39.0092



12.7118, -2.8542, -9.7273



# Inverse Universe

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



75.3273, 24.5560, -6.9990



76.0954, 32.8897, -9.8528



89.2747, -9.0306, 26.1743



39.9188, 2.6420, 0.1976



33.9585, 62.2505, -9.8042

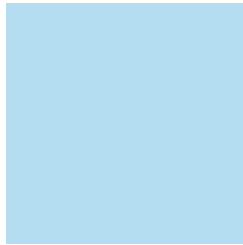


9.8886, 18.2916, -4.1304



# Previews

## White Background



This preview shows how the HunterLab color 82.3572, -12.5518, -9.9475 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

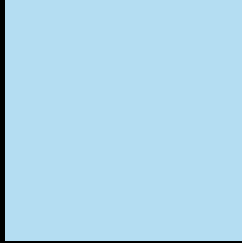
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.3572, -12.5518, -9.9475 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 82.3572, -12.5518, -9.9475 Background



This preview shows how black text looks on a background with the HunterLab color 82.3572, -12.5518, -9.9475.



This preview shows how white text looks on a background with the HunterLab color 82.3572, -12.5518, -9.9475.

-12.5518, -9.9475.

# 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

82.3572, -12.5518, -9.9475

### Protanopia

82.2800, -0.3055, -7.0389

### Deuteranopia

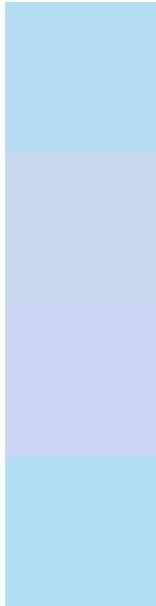
82.1983, 6.2104, -11.5518



## Tritanopia

82.1758, -13.4190, -8.5174

# Trichromacy



## Original Color

82.3572, -12.5518, -9.9475

## Protanomaly

82.2333, -5.0834, -8.2949

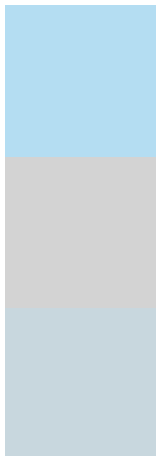
## Deuteranomaly

82.0012, -0.7543, -11.3678

## Tritanomaly

82.2118, -13.2175, -9.0260

# Monochromacy



## Original Color

82.3572, -12.5518, -9.9475

## Achromatopsia

80.7097, -4.3065, 4.3851

## Achromatomaly

81.3352, -7.7961, -0.3944

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.3572, -12.5518, -9.9475 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(180, 221, 242)` looks like.

```
.text, #text, p{  
    color:rgb(180, 221, 242)  
}
```

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(180, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 221, 242) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.3572, -12.5518, -9.9475 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(180, 221, 242) }
```



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

```
.border{ border-color:rgb(180, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(180, 221,  
242) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.3572, -12.5518, -9.9475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 221, 242) }
```

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

```
.background{ background-color: rgb(180,  
221, 242) }
```

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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