

# Converting Colors

HunterLab(80.1636, 7.6922,  
-48.3113)

Have a look what the booklet for  
HunterLab(80.1636, 7.6922,  
-48.3113) contains.

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# Color

**HunterLab(78.2217, -1.8467,  
-23.5426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5CEFF
RGB	181, 206, 255
RGB Percent	71%, 81%, 100%
CMY	0.2902, 0.1921, 0.0000
CMYK	0.29, 0.19, 0.00, 0.00
HSL	220°, 100%, 85%
HSV	220°, 29%, 100%
XYZ	59.1774, 61.1863, 103.2988
YIQ	204.1110, -30.6290, 9.9390

# Conversions

## Conversions Part 2

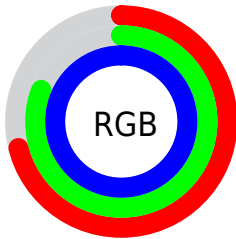
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 200, 255
Decimal	11915007
CIE <sub>Lab</sub>	82.48, 2.47, -26.73
CIE <sub>LCh</sub>	82, 26.842, 275.280
Yxy	61.1887, 0.2646, 0.2736
Android (android.graphics.Color)	4290105087 (0xFFB5CEFF)
YUV	204.1110, 25.0883, -20.2683
Hunter-Lab	78.2217, -1.8467, -23.5426

# Details

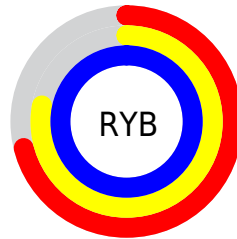
The HunterLab color  $78.2217, -1.8467, -23.5426$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $90.1054, -3.4078, 26.6961$ , and the grayscale version is  $77.6607, -4.1438, 4.2195$ .

A 20% lighter version of the original color is  $98.4465, -10.7827, 3.4954$ , and  $55.6501, -1.0797, -22.6481$  is the 20% darker color. If you saturate the color by 10%, you get  $71.1934, 0.4926, -34.9118$ , and if you desaturate by 10%, it is  $85.5160, -3.5367, -12.9609$ .

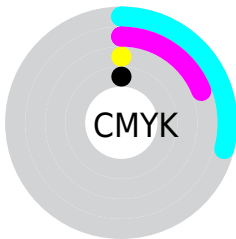
# Distribution



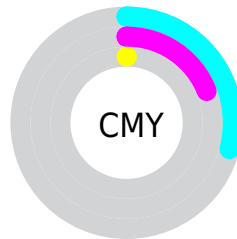
- Red (71%)
- Green (81%)
- Blue (100%)



- Red (71%)
- Yellow (78%)
- Blue (100%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.2217, -1.8467, -23.5426 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 78.2217, -1.8467, -23.5426 by changing the saturation by 10% instead.



■ 78.2217, -1.8467,  
-23.5426

■ 78.2217, -1.8467,  
-23.5426

207.1148, -7.8476,  
-24.5054

■ 66.6164, -1.3479,  
-23.1698

■ 103.2241, -2.9600,  
-24.1100

■ 55.6483, -0.8890,  
-22.7415

116.5646, -3.5680,  
-24.3124

■ 45.3586, -0.4746,  
-22.2585

130.4349, -4.2082,  
-24.4626

■ 35.7952, -0.1091,  
-21.7303

144.8156, -4.8792,  
-24.5629

■ 27.0183, 0.2016,  
-21.1819

159.6890, -5.5797,  
-24.6154

■ 19.1059, 0.4493,  
-20.6787

175.0394, -6.3086,

■ 12.1654, 0.6213,

-24.6220

-20.4093

190.8524, -7.0649,  
-24.5848

■ 5.2398, 1.7741,  
-27.3066

0.0000, NaN, -NF

■ 78.2217, -1.8467,  
-23.5426

■ 78.2217, -1.8467,  
-23.5426

■ 71.1934, 0.4926,  
-34.9118

■ 85.5160, -3.5367,  
-12.9609

■ 64.4675, 3.6217,  
-47.2216

■ 93.0393, -4.6862,  
-3.0412

■ 58.0971, 7.7007,  
-60.6164

100.0000, -5.3358,  
5.4332

■ 52.1472, 12.9051,  
-75.2078

■ 46.6980, 19.3935,  
-91.0040

■ 41.8430, 27.2366,  
-107.7955

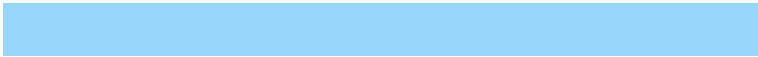
■ 37.6626, 36.2521,  
-125.0930

■ 37.2830, 37.1643,  
-126.8275

# Harmonies

## Analogous

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



78.2232, -14.4303, -20.7698



78.2217, -1.8467, -23.5426



78.2232, 10.9003, -17.9243

# Triad

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



78.2232, -1.8479, -23.5404



78.2232, 17.4532, 16.8656



78.2232, -25.7582, 13.6256

# Complementary

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



78.2217, -1.8467, -23.5426



90.1054, -3.4078, 26.6961

# 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.



78.2232, -18.1941, 21.3940



78.2217, -1.8467, -23.5426



78.2232, 6.6311, 23.0379

# Square

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



78.2232, -1.8479, -23.5404



78.2232, 22.5026, 6.4297



78.2232, -6.4812, 24.5484



78.2232, -27.7016, 2.0219



# Rectangle

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



78.2217, -1.8467, -23.5426



78.2232, 17.6092, -10.6478



78.2232, -6.4812, 24.5484



78.2232, -23.8141, 16.7072

# Sweetspot

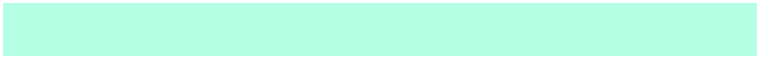
The Sweet Spot groups the original color and five complimentary colors.



78.2232, -1.8479, -23.5404



93.0532, -4.6878, -3.0236



93.2775, -31.2442, 9.7646



42.5381, -2.1053, -2.0497

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.2232, -1.8479, -23.5404



73.9841, -0.5344, -30.2382



71.7559, 14.5758, -33.7010



42.8727, -2.1473, -1.6239



27.4029, 25.6507, -89.6238



9.6107, 5.4035, -23.6771



# Inverse Universe

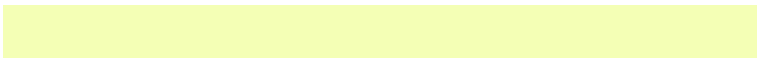
The Inverse Universe completely reimagines the original color for something new.



76.6587, 26.2942, 2.5327



72.4036, 33.0081, 2.4738



96.9905, -19.9729, 32.6908



42.5304, 2.2198, 1.8903



33.8910, 59.1524, 13.2719



10.6667, 18.7936, 2.8112



# Previews

## White Background



This preview shows how the HunterLab color 78.2217, -1.8467, -23.5426 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

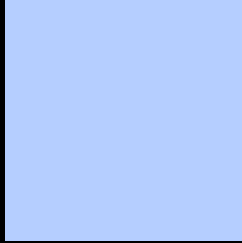
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.2217, -1.8467, -23.5426 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

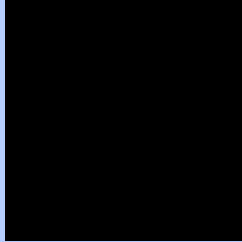
Any Text WCAG AA ✓ Pass

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 78.2217, -1.8467, -23.5426 Background



This preview shows how black text looks on a background with the HunterLab color 78.2217, -1.8467, -23.5426.



This preview shows how white text looks on a background with the HunterLab color 78.2217, -1.8467,

-23.5426.

# 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

78.2217, -1.8467, -23.5426

### Protanopia

78.1928, 2.5922, -22.2360

### Deuteranopia

78.1891, 5.8287, -23.4582



## Tritanopia

78.2968, -11.6835, -7.5394

# Trichromacy



## Original Color

78.2217, -1.8467, -23.5426

## Protanomaly

78.2051, 1.1582, -22.8774

## Deuteranomaly

78.1910, 2.7500, -23.5093

## Tritanomaly

78.1800, -8.1238, -13.3125

# Monochromacy



## Original Color

78.2217, -1.8467, -23.5426

## Achromatopsia

77.7063, -4.1462, 4.2219

## Achromatomaly

77.9270, -3.7105, -5.1626

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.2217, -1.8467, -23.5426 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(181, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 206, 255)  
}
```

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(181, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 206, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.2217, -1.8467, -23.5426 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(181, 206, 255) }
```



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

```
.border{ border-color:rgb(181, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 206,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.2217, -1.8467, -23.5426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 206, 255) }
```

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

```
.background{ background-color: rgb(181,  
206, 255) }
```

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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