

# Converting Colors

HunterLab(76.1217, -3.3238,  
-17.1863)

Have a look what the booklet for  
HunterLab(76.1217, -3.3238,  
-17.1863) contains.

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# Color

**HunterLab(76.2339, -3.5998,  
-17.2033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3CAF0
RGB	179, 202, 240
RGB Percent	70%, 79%, 94%
CMY	0.2980, 0.2078, 0.0588
CMYK	0.25, 0.16, 0.00, 0.06
HSL	217°, 67%, 82%
HSV	217°, 25%, 94%
XYZ	55.4391, 58.1161, 90.7337
YIQ	199.4550, -25.9060, 6.9420

# Conversions

## Conversions Part 2

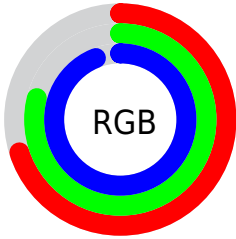
Format	Color
R <sub>Y</sub> B	179, 196, 240
Decimal	11782896
CIE Lab	80.80, 0.51, -21.30
CIE LCh	81, 21.308, 271.360
Yxy	58.1184, 0.2714, 0.2845
Android (android.graphics.Color)	4289972976 (0xFFB3CAF0)
YUV	199.4550, 19.9887, -17.9390
Hunter-Lab	76.2339, -3.5998, -17.2033

# Details

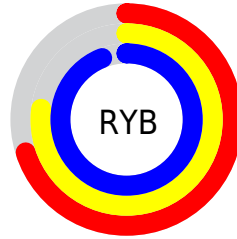
The HunterLab color  $76.2339, -3.5998, -17.2033$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $84.5021, -2.3668, 22.1039$ , and the grayscale version is  $75.6935, -4.0388, 4.1126$ .

A 20% lighter version of the original color is  $98.2715, -11.4019, 3.2753$ , and  $53.8521, -2.4288, -16.7856$  is the 20% darker color. If you saturate the color by 10%, you get  $69.8740, -2.1411, -26.9333$ , and if you desaturate by 10%, it is  $82.8194, -4.4973, -8.0636$ .

# Distribution



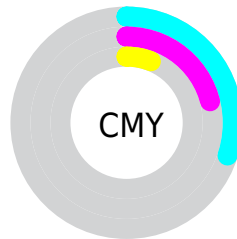
- Red (70%)
- Green (79%)
- Blue (94%)



- Red (70%)
- Yellow (77%)
- Blue (94%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (30%)
- Magenta (21%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.2339, -3.5998, -17.2033 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 76.2339, -3.5998, -17.2033 by changing the saturation by 10% instead.



■ 76.2339, -3.5998,  
-17.2033

■ 76.2339, -3.5998,  
-17.2033

204.3592,  
-10.2611, -16.8228

■ 64.7332, -3.0114,  
-16.9811

■ 101.0422, -4.8795,  
-17.4661

■ 53.8758, -2.4579,  
-16.6973

114.2919, -5.5655,  
-17.5157

■ 43.7041, -1.9428,  
-16.3490

128.0749, -6.2809,  
-17.5142

■ 34.2679, -1.4692,  
-15.9371

142.3713, -7.0244,  
-17.4640

■ 25.6298, -1.0410,  
-15.4712

157.1633, -7.7951,  
-17.3678

■ 17.8717, -0.6636,  
-14.9835

172.4348, -8.5920,

■ 11.1078, -0.3447,

-17.2275

-14.5842

188.1712, -9.4143,  
-17.0453

2.9845, 0.5792,  
-32.2709

0.0000, NaN, -NF

76.2339, -3.5998,  
-17.2033

76.2339, -3.5998,  
-17.2033

69.8740, -2.1411,  
-26.9333

82.8194, -4.4973,  
-8.0636

63.7663, -0.0084,  
-37.3596

89.6004, -4.9215,  
0.5739

57.9511, 2.9271,  
-48.5834

96.5577, -4.9473,  
8.7911

52.4757, 6.8101,  
-60.6897

99.5346, -7.8914,  
12.0879

■ 47.3977, 11.7849,  
-73.7108

■ 42.7832, 17.9576,  
-87.5689

■ 38.7004, 25.3227,  
-102.0083

■ 36.9976, 28.9815,  
-108.8066

# Harmonies

## Analogous

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



76.2354, -13.3386, -14.3164



76.2339, -3.5998, -17.2033



76.2354, 6.5168, -13.7645

# Triad

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



76.2354, -3.6008, -17.2018



76.2354, 13.5970, 13.3220



76.2354, -20.6947, 12.6427

# Complementary

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



76.2339, -3.5998, -17.2033



84.5021, -2.3668, 22.1039

# 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.



76.2354, -14.1123, 18.5545



76.2339, -3.5998, -17.2033



76.2354, 5.6598, 18.9086

# Square

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



76.2354, -3.6008, -17.2018



76.2354, 16.7661, 4.5958



76.2354, -4.5417, 20.6911



76.2354, -22.8871, 3.7008



# Rectangle

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



76.2339, -3.5998, -17.2033



76.2354, 12.0310, -8.5835



76.2354, -4.5417, 20.6911



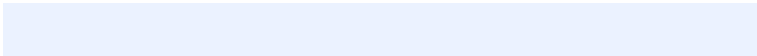
76.2354, -18.9399, 15.0063

# Sweetspot

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



76.2354, -3.6008, -17.2018



94.0705, -5.1977, -1.7538



87.6898, -26.7899, 9.3554



43.0117, -2.3784, -1.4518

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.2354, -3.6008, -17.2018



78.4462, -3.2071, -23.2230



69.9906, 10.4603, -26.5243



40.2560, -2.2260, -1.3342



27.8006, 20.3861, -78.7561



9.1023, 3.4317, -18.7852



# Inverse Universe

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



74.1831, 21.0908, 1.4193



76.0408, 27.8795, 1.1431



91.0384, -16.4518, 28.0335



39.8214, 2.1195, 1.5838



32.5170, 57.0166, 10.7002

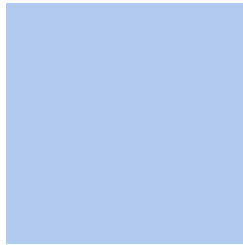


9.4782, 16.8089, 1.6496



# Previews

## White Background



This preview shows how the HunterLab color 76.2339, -3.5998, -17.2033 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

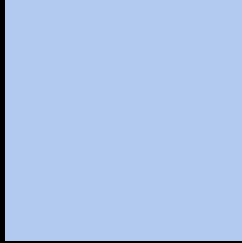
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.2339, -3.5998, -17.2033 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

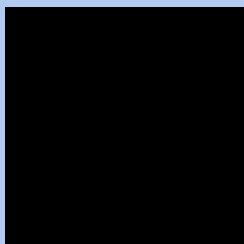
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

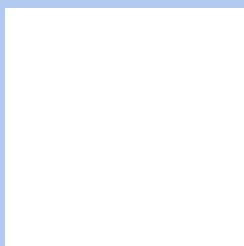
Any Text WCAG AAA ✓ Pass

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

## HunterLab 76.2339, -3.5998, -17.2033 Background



This preview shows how black text looks on a background with the HunterLab color 76.2339, -3.5998, -17.2033.



This preview shows how white text looks on a background with the HunterLab color 76.2339, -3.5998, -17.2033.



# 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

76.2339, -3.5998, -17.2033

### Protanopia

76.0051, 1.7143, -16.2358

### Deuteranopia

76.1399, 5.4722, -17.7897



## Tritanopia

76.1909, -9.8795, -7.0021

# Trichromacy



## Original Color

76.2339, -3.5998, -17.2033

## Protanomaly

75.9234, -0.0387, -16.9879

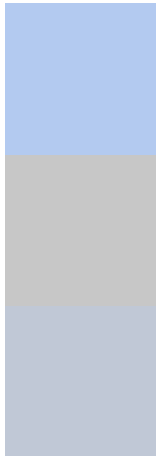
## Deuteranomaly

76.1219, 2.3453, -17.8708

## Tritanomaly

76.2056, -7.7159, -10.8517

# Monochromacy



## Original Color

76.2339, -3.5998, -17.2033

## Achromatopsia

75.5728, -4.0324, 4.1060

## Achromatomaly

75.7430, -4.0418, -3.1973

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.2339, -3.5998, -17.2033 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(179, 202, 240)` looks like.

```
.text, #text, p{  
    color:rgb(179, 202, 240)  
}
```

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(179, 202, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 202, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.2339, -3.5998, -17.2033 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(179, 202, 240) }
```



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

```
.border{ border-color:rgb(179, 202, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 202, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 202, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 202, 240); box-shadow:4px 4px 4px 4px rgb(179, 202, 240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.2339, -3.5998, -17.2033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 202, 240) }
```

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

```
.background{ background-color: rgb(179,  
202, 240) }
```

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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