

# Converting Colors

HunterLab(75.8004, -9.3389,  
-9.4979)

Have a look what the booklet for  
HunterLab(75.8004, -9.3389,  
-9.4979) contains.

<b>HunterLab(75.7940, -9.3905, -9.7446)</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(75.7940, -9.3905,  
-9.7446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACCCE2
RGB	172, 204, 226
RGB Percent	67%, 80%, 89%
CMY	0.3255, 0.2000, 0.1137
CMYK	0.24, 0.10, 0.00, 0.11
HSL	204°, 48%, 78%
HSV	204°, 24%, 89%
XYZ	52.3335, 57.4473, 80.2816
YIQ	196.9400, -26.1340, 0.0580

# Conversions

## Conversions Part 2

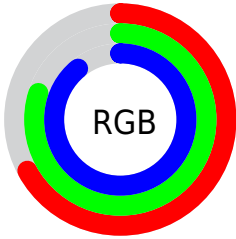
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 192, 226
Decimal	11324642
CIE Lab	80.43, -5.84, -14.42
CIE LCh	80, 15.558, 247.959
Yxy	57.4496, 0.2754, 0.3023
Android (android.graphics.Color)	4289514722 (0xFFACCCE2)
YUV	196.9400, 14.3266, -21.8724
Hunter-Lab	75.7940, -9.3905, -9.7446

# Details

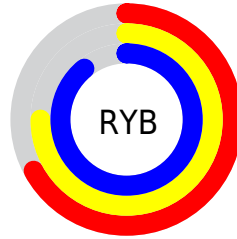
The HunterLab color  $75.7940, -9.3905, -9.7446$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $75.9810, 3.5326, 16.4240$ , and the grayscale version is  $74.6471, -3.9830, 4.0557$ .

A 20% lighter version of the original color is  $97.5879, -13.8313, 2.4117$ , and  $53.5490, -7.4931, -9.7933$  is the 20% darker color. If you saturate the color by 10%, you get  $71.3148, -10.5012, -16.0600$ , and if you desaturate by 10%, it is  $80.4579, -7.7371, -3.5798$ .

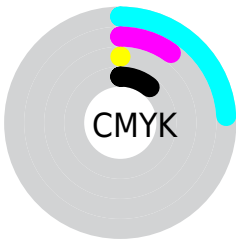
# Distribution



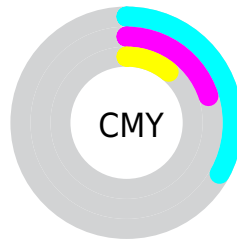
- Red (67%)
- Green (80%)
- Blue (89%)



- Red (67%)
- Yellow (75%)
- Blue (89%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (20%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.7940, -9.3905, -9.7446 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 75.7940, -9.3905, -9.7446 by changing the saturation by 10% instead.



■ 75.7940, -9.3905,  
-9.7446

■ 75.7940, -9.3905,  
-9.7446

203.7479,  
-18.3626, -7.4196

■ 64.3167, -8.4856,  
-9.7577

■ 100.5589,  
-11.2565, -9.5464

■ 53.4841, -7.5961,  
-9.7102

113.7883,  
-12.2163, -9.3713

■ 43.3388, -6.7215,  
-9.5955

127.5518,  
-13.1946, -9.1494

■ 33.9312, -5.8590,  
-9.4084

141.8294,  
-14.1914, -8.8833

■ 25.3243, -5.0042,  
-9.1439

156.6032,  
-15.2067, -8.5753

■ 17.6009, -4.1486,  
-8.8024

171.8571,

■ 10.8769, -3.2751,

-16.2404, -8.2275

-8.4061

187.5765,  
-17.2924, -7.8417

■ 2.1865, -3.8263,  
-27.3086

0.0000, NaN, NaN

■ 75.7940, -9.3905,  
-9.7446

■ 75.7940, -9.3905,  
-9.7446

■ 71.3148, -10.5012,  
-16.0600

■ 80.4579, -7.7371,  
-3.5798

■ 67.0325, -10.9953,  
-22.5289

■ 85.2867, -5.6019,  
2.4350

■ 62.9666, -10.7996,  
-29.1405

■ 90.2681, -3.0432,  
8.3097

■ 59.1352, -9.8402,  
-35.8741

■ 94.6367, -2.7016,  
13.1892

■ 55.5562, -8.0527,  
-42.6957

■ 97.5423, -7.5300,  
16.2379

■ 52.2436, -5.3957,  
-49.5591

■ 99.1318, -10.1133,  
17.8733

■ 49.2038, -1.8724,  
-56.4152

■ 47.4590, 0.6092,  
-60.6346

# Harmonies

## Analogous

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



75.7955, -15.1011, -4.8193



75.7940, -9.3905, -9.7446



75.7955, -2.0385, -10.7783

# Triad

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



75.7955, -9.3916, -9.7433



75.7955, 10.7896, 6.0032



75.7955, -12.7275, 14.1770

# Complementary

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



75.7940, -9.3905, -9.7446



75.9810, 3.5326, 16.4240

# 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.



75.7955, -6.0374, 16.5082



75.7940, -9.3905, -9.7446



75.7955, 7.6765, 12.0981

# Square

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



75.7955, -9.3916, -9.7433



75.7955, 9.8063, -1.2124



75.7955, 1.4472, 15.7860



75.7955, -16.9742, 9.1018



# Rectangle

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



75.7940, -9.3905, -9.7446



75.7955, 2.8413, -9.0381



75.7955, 1.4472, 15.7860



75.7955, -10.7004, 15.2838

# Sweetspot

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



75.7955, -9.3916, -9.7433



96.0304, -7.2511, 0.6349



81.8789, -25.7758, 13.2133



44.2716, -3.4258, 0.1006

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

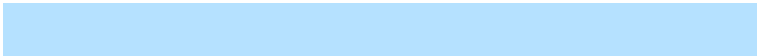


# Same Dimension

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



75.7955, -9.3916, -9.7433



84.1622, -11.5264, -14.9900



67.7241, 4.1565, -21.1877



38.1929, -3.1642, -0.4087



36.1780, -0.1104, -44.9810



10.4013, -1.4665, -9.8351



# Inverse Universe

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



70.7353, 20.0952, -3.9469



77.3030, 29.4683, -6.4173



84.0537, -9.9866, 24.0868



37.1970, 2.3106, 0.5117



31.9833, 57.9148, -3.6920

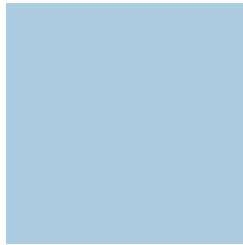


8.5245, 15.6225, -2.4297



# Previews

## White Background



This preview shows how the HunterLab color 75.7940, -9.3905, -9.7446 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

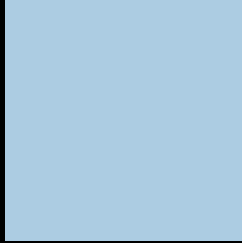
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.7940, -9.3905, -9.7446 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

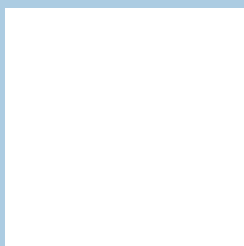
Any Text WCAG AAA ✓ Pass

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

## HunterLab 75.7940, -9.3905, -9.7446 Background



This preview shows how black text looks on a background with the HunterLab color 75.7940, -9.3905, -9.7446.



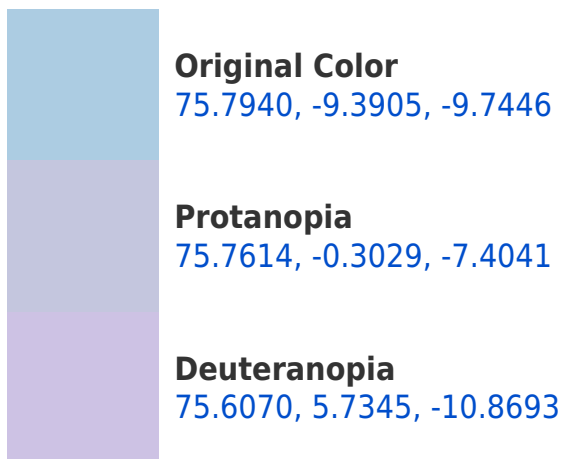
This preview shows how white text looks on a background with the HunterLab color 75.7940, -9.3905,

-9.7446.

# 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

75.8558, -11.1439, -6.9207

# Trichromacy



## Original Color

75.7940, -9.3905, -9.7446

## Protanomaly

75.6314, -3.8055, -8.1909

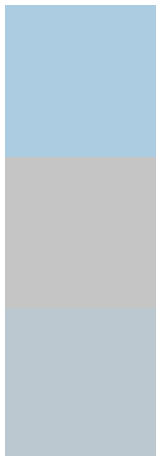
## Deuteranomaly

75.6781, -0.2292, -10.3073

## Tritanomaly

75.9265, -10.7503, -7.9180

# Monochromacy



## Original Color

75.7940, -9.3905, -9.7446

## Achromatopsia

74.7222, -3.9870, 4.0598

## Achromatomaly

75.2024, -6.3294, -0.8192

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.7940, -9.3905, -9.7446 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(172, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(172, 204, 226)  
}
```

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(172, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 204, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.7940, -9.3905, -9.7446 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(172, 204, 226) }
```



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

```
.border{ border-color:rgb(172, 204, 226) }
```

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

Here you see how a box with a 4 pixel rgb(172, 204, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(172, 204,  
226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.7940, -9.3905, -9.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 204, 226) }
```

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

```
.background{ background-color: rgb(172,  
204, 226) }
```

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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