

# Converting Colors

HunterLab(76.1145, -4.9148,  
9.3416)

Have a look what the booklet for  
HunterLab(76.1145, -4.9148, 9.3416)  
contains.

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# Color

**HunterLab(76.0395, -4.5656,  
9.2360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCC8BD
RGB	204, 200, 189
RGB Percent	80%, 78%, 74%
CMY	0.2000, 0.2157, 0.2588
CMYK	0.00, 0.02, 0.07, 0.20
HSL	44°, 13%, 77%
HSV	44°, 7%, 80%
XYZ	54.7414, 57.8201, 56.4193
YIQ	199.9420, 5.9150, -2.5730

# Conversions

## Conversions Part 2

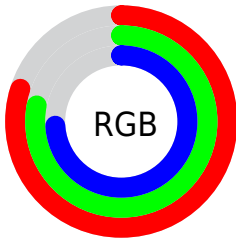
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 204, 189
Decimal	13420733
CIELab	80.64, -0.55, 5.98
CIELCh	81, 6.005, 95.212
Yxy	57.8226, 0.3239, 0.3422
Android (android.graphics.Color)	4291610813 (0xFFCCC8BD)
YUV	199.9420, -5.3944, 3.5589
Hunter-Lab	76.0395, -4.5656, 9.2360

# Details

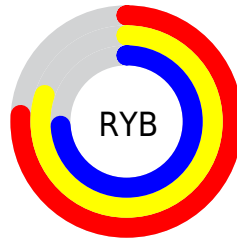
The HunterLab color  $76.0395, -4.5656, 9.2360$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $73.0188, -3.2190, -1.4489$ , and the grayscale version is  $75.9959, -4.0550, 4.1290$ .

A 20% lighter version of the original color is  $99.6858, -7.0598, 9.9225$ , and  $53.6837, -3.1714, 7.2991$  is the 20% darker color. If you saturate the color by 10%, you get  $73.8411, -4.8608, 15.4334$ , and if you desaturate by 10%, it is  $78.3162, -3.9530, 2.3242$ .

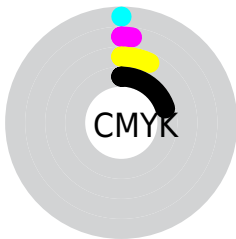
# Distribution



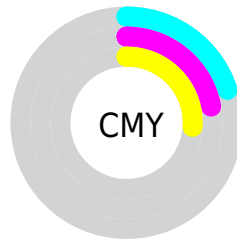
- Red (80%)
- Green (78%)
- Blue (74%)



- Red (76%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0395, -4.5656, 9.2360 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 76.0395, -4.5656, 9.2360 by changing the saturation by 10% instead.



■ 76.0395, -4.5656,  
9.2360

■ 76.0395, -4.5656,  
9.2360

204.0893,  
-11.6044, 18.3187

■ 64.5492, -3.9268,  
8.3204

■ 100.8288, -5.9415,  
11.1241

■ 53.7028, -3.3189,  
7.4202

114.0695, -6.6721,  
12.0954

■ 43.5428, -2.7457,  
6.5347

127.8439, -7.4303,  
13.0855

■ 34.1192, -2.2094,  
5.6608

142.1320, -8.2151,  
14.0946

■ 25.4948, -1.7128,  
4.7933

156.9160, -9.0257,  
15.1225

■ 17.7520, -1.2591,  
3.9224

172.1798, -9.8613,

■ 11.0056, -0.8526,

16.1693

3.0468

187.9087,  
-10.7211, 17.2347

■ 2.6619, -1.0350,  
1.8633

0.0000, NaN, NaN

■ 76.0395, -4.5656,  
9.2360

■ 76.0395, -4.5656,  
9.2360

■ 73.8411, -4.8608,  
15.4334

■ 78.3162, -3.9530,  
2.3242

■ 71.7186, -4.8207,  
20.8774

■ 80.6633, -3.0309,  
-5.2680

■ 69.6761, -4.4371,  
25.5368

■ 83.0798, -1.8154,  
-13.5012

■ 67.7158, -3.7028,  
29.3851

■ 84.9495, -3.6640,  
-13.7496

65.8393, -2.6149,  
32.4040

86.6565, -6.4905,  
-11.4466

64.0477, -1.1758,  
34.5875

88.3836, -9.2968,  
-9.1665

62.3407, 0.6049,  
35.9466

90.1302, -12.0830,  
-6.9092

60.7170, 2.7071,  
36.5180

91.8956, -14.8494,  
-4.6742

59.1713, 5.0902,  
36.3948

93.6791, -17.5964,  
-2.4611

# Harmonies

## Analogous

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



76.0412, -1.7081, 8.8016



76.0395, -4.5656, 9.2360



76.0412, -7.2517, 8.3490

# Triad

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



76.0412, -4.5676, 9.2371



76.0412, -8.5664, 1.0149



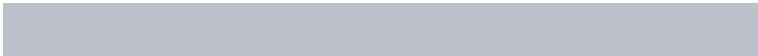
76.0412, 1.0703, 1.8801

# Complementary

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



76.0395, -4.5656, 9.2360



73.0188, -3.2190, -1.4489

# 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.



76.0412, -0.8176, -0.3261



76.0395, -4.5656, 9.2360



76.0412, -6.3865, -0.8386

# Square

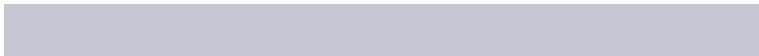
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0412, -4.5676, 9.2371



76.0412, -9.5382, 3.6555



76.0412, -3.5540, -1.3383



76.0412, 1.5749, 4.6196



# Rectangle

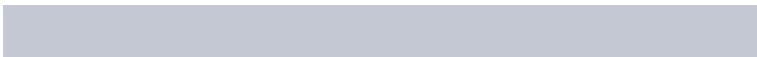
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0395, -4.5656, 9.2360



76.0412, -8.5894, 7.1054



76.0412, -3.5540, -1.3383



76.0412, 0.5751, 1.0483

# Sweetspot

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



76.0412, -4.5676, 9.2371



99.4042, -5.5071, 7.2603



72.8585, 1.6733, 3.8674



46.0026, -2.5441, 3.3175

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0412, -4.5676, 9.2371



97.3499, -5.9751, 13.3627



76.9473, -7.6920, 10.1829



35.4561, -2.1831, 4.9547



46.7968, 4.2463, 28.9103

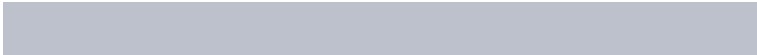


11.1812, -0.0068, 6.8897



# Inverse Universe

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



73.0188, -3.2190, -1.4489



92.5358, -3.8243, -3.6643



72.1301, -0.1111, -2.5136



33.6483, -1.3753, -1.4398



21.3473, 27.5839, -86.2279



6.0230, 3.2259, -14.4920



# Previews

## White Background



This preview shows how the HunterLab color 76.0395, -4.5656, 9.2360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

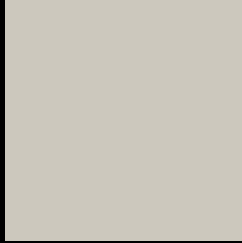
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.0395, -4.5656, 9.2360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

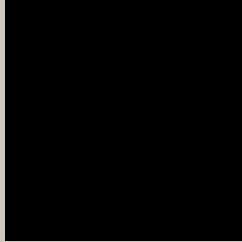
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

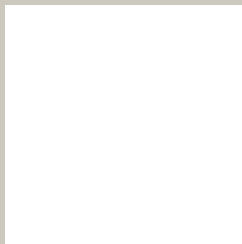
Any Text WCAG AAA ✓ Pass

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

## HunterLab 76.0395, -4.5656, 9.2360 Background



This preview shows how black text looks on a background with the HunterLab color 76.0395, -4.5656, 9.2360.



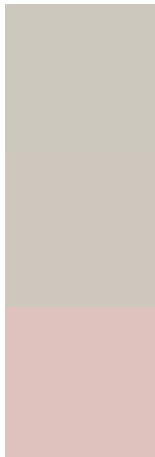
This preview shows how white text looks on a background with the HunterLab color 76.0395, -4.5656, 9.2360.



# 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

76.0395, -4.5656, 9.2360

### Protanopia

75.9228, -3.4095, 9.1267

### Deuteranopia

75.8588, 5.5965, 8.7668



## Tritanopia

76.1258, 1.7984, -1.5722

# Trichromacy



## Original Color

76.0395, -4.5656, 9.2360

## Protanomaly

75.8288, -3.7360, 9.0164

## Deuteranomaly

76.0240, 1.6198, 8.8817

## Tritanomaly

76.0721, -0.4415, 2.3434

# Monochromacy



## Original Color

76.0395, -4.5656, 9.2360

## Achromatopsia

75.9987, -4.0551, 4.1292

## Achromatomaly

75.9681, -4.4045, 5.9750

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0395, -4.5656, 9.2360 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(204, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 189)  
}
```

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(204, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 189) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0395, -4.5656, 9.2360 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(204, 200, 189) }
```



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

```
.border{ border-color:rgb(204, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
189) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0395, -4.5656, 9.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 189) }
```

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

```
.background{ background-color: rgb(204,  
200, 189) }
```

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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