

# Converting Colors

HunterLab(77.1143, 4.6597,  
3.2691)

Have a look what the booklet for  
HunterLab(77.1143, 4.6597, 3.2691)  
contains.

<b>HunterLab(77.0716, 4.5475, 3.1388)</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(77.0716, 4.5475,  
3.1388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC5CD
RGB	219, 197, 205
RGB Percent	86%, 77%, 80%
CMY	0.1412, 0.2274, 0.1961
CMYK	0.00, 0.10, 0.06, 0.14
HSL	338°, 23%, 82%
HSV	338°, 10%, 86%
XYZ	60.1991, 59.4003, 66.0501
YIQ	204.4900, 10.5440, 7.1520

# Conversions

## Conversions Part 2

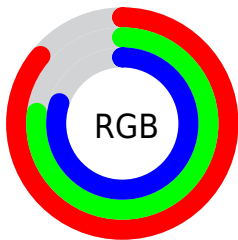
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 197, 205
Decimal	14403021
CIE Lab	81.51, 9.08, -1.18
CIE LCh	82, 9.159, 352.597
Yxy	59.4029, 0.3243, 0.3200
Android (android.graphics.Color)	4292593101 (0xFFDBC5CD)
YUV	204.4900, 0.2514, 12.7253
Hunter-Lab	77.0716, 4.5475, 3.1388

# Details

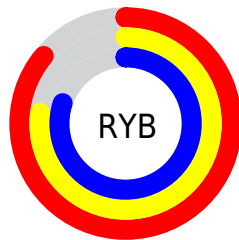
The HunterLab color  $77.0716, 4.5475, 3.1388$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $81.9988, -12.6302, 5.7431$ , and the grayscale version is  $77.9132, -4.1573, 4.2332$ .

A 20% lighter version of the original color is  $99.6813, -4.8054, 5.0668$ , and  $54.5635, 5.0058, 1.8951$  is the 20% darker color. If you saturate the color by 10%, you get  $70.3743, 13.7492, 2.0480$ , and if you desaturate by 10%, it is  $84.1339, -4.4519, 4.5660$ .

# Distribution



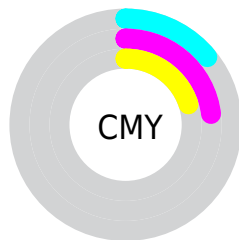
- Red (86%)
- Green (77%)
- Blue (80%)



- Red (86%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0716, 4.5475, 3.1388 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 77.0716, 4.5475, 3.1388 by changing the saturation by 10% instead.



■ 77.0716, 4.5475,  
3.1388

■ 77.0716, 4.5475,  
3.1388

205.5221, 0.9112,  
9.7288

■ 65.5268, 4.7261,  
2.5664

101.9623, 4.0283,  
4.3931

■ 54.6225, 4.8481,  
2.0308

115.2504, 3.6996,  
5.0687

■ 44.4007, 4.9048,  
1.5361

129.0704, 3.3284,  
5.7751

■ 34.9106, 4.8874,  
1.0860

143.4024, 2.9171,  
6.5110

■ 26.2135, 4.7837,  
0.6849

158.2289, 2.4680,  
7.2753

■ 18.3898, 4.5767,  
0.3392


173.5338, 1.9829,

■ 11.5507, 4.2397,


8.0669

0.0582


189.3026, 1.4634,  
8.8851


 4.0921, 9.4537,  
-0.9728


0.0000, NaN, NaN


 77.0716, 4.5475,  
3.1388


 77.0716, 4.5475,  
3.1388


 70.3743, 13.7492,  
2.0480


 84.1339, -4.4519,  
4.5660


 64.1008, 23.1219,  
1.3704

 91.5052, -13.2413,  
6.2616

 58.3316, 32.5589,  
1.2059

 96.5839, -17.9660,  
5.2724

 53.1619, 41.8447,  
1.6645

 96.8505, -16.4718,  
1.4735

■ 48.6996, 50.6044,  
2.8501

■ 45.0557, 58.2802,  
4.8234

■ 42.3205, 64.1988,  
7.5480

■ 40.5286, 67.7864,  
10.8433

■ 39.5395, 69.1629,  
14.3068

# Harmonies

## Analogous

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



77.0733, 2.7926, -0.9096



77.0716, 4.5475, 3.1388



77.0733, 3.9357, 7.2551

# Triad

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



77.0733, 4.5454, 3.1401



77.0733, -7.3739, 11.3319



77.0733, -9.2408, -2.5483

# Complementary

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



77.0716, 4.5475, 3.1388



81.9988, -12.6302, 5.7431

# 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.



77.0733, -11.8513, 1.0047



77.0716, 4.5475, 3.1388



77.0733, -10.7906, 8.9733

# Square

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



77.0733, 4.5454, 3.1401



77.0733, -3.0120, 11.8318



77.0733, -12.4121, 5.2358



77.0733, -5.2150, -4.3126



# Rectangle

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



77.0716, 4.5475, 3.1388



77.0733, 2.2779, 9.4990



77.0733, -12.4121, 5.2358



77.0733, -10.3091, -1.5143

# Sweetspot

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



77.0733, 4.5454, 3.1401



97.4198, -2.1281, 4.8832



76.7390, 4.3387, -4.4177



44.7545, -0.5862, 2.1936

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.0733, 4.5454, 3.1401



89.8972, 7.6327, 3.4284



77.6991, 1.7105, 7.5974



36.2345, 1.8658, 1.5048



30.4782, 53.3735, 10.5568



7.8614, 13.9653, 1.1856



# Inverse Universe

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



77.0733, 4.5454, 3.1401



89.8972, 7.6327, 3.4284



81.3218, -9.7646, 1.0773



36.2345, 1.8658, 1.5048



30.4782, 53.3735, 10.5568



7.8614, 13.9653, 1.1856



# Previews

## White Background



This preview shows how the HunterLab color 77.0716, 4.5475, 3.1388 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

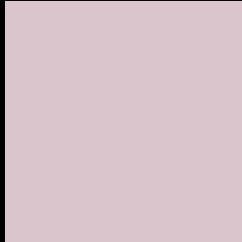
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.0716, 4.5475, 3.1388 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

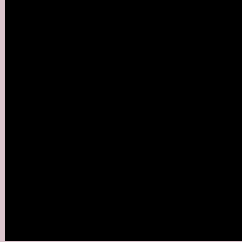
Any Text WCAG AA ✓ Pass

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 77.0716, 4.5475, 3.1388 Background



This preview shows how black text looks on a background with the HunterLab color 77.0716, 4.5475, 3.1388.



This preview shows how white text looks on a background with the HunterLab color 77.0716, 4.5475,

3.1388.

# 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

77.0716, 4.5475, 3.1388

### Protanopia

77.3138, -2.1233, 1.8404

### Deuteranopia

76.9804, 5.7513, 3.0509



## Tritanopia

77.0705, 6.4364, 0.1930

# Trichromacy



## Original Color

77.0716, 4.5475, 3.1388

## Protanomaly

77.1461, 0.3399, 2.1748

## Deuteranomaly

76.8787, 5.4103, 2.9234

## Tritanomaly

77.0058, 6.0906, 1.1131

# Monochromacy



## Original Color

77.0716, 4.5475, 3.1388

## Achromatopsia

77.7063, -4.1462, 4.2219

## Achromatomaly

77.2582, -1.0112, 3.7478

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.0716, 4.5475, 3.1388 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(219, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(219, 197, 205)  
}
```

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(219, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 205) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.0716, 4.5475, 3.1388 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(219, 197, 205) }
```



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

```
.border{ border-color:rgb(219, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
205) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.0716, 4.5475, 3.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 205) }
```

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

```
.background{ background-color: rgb(219,  
197, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor