

# Converting Colors

HunterLab(77.5525, 1.3911,  
4.0240)

Have a look what the booklet for  
HunterLab(77.5525, 1.3911, 4.0240)  
contains.

<b>HunterLab(77.5340, 1.4761, 4.1173)</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(77.5340, 1.4761,  
4.1173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7C8CC
RGB	215, 200, 204
RGB Percent	84%, 78%, 80%
CMY	0.1569, 0.2157, 0.2000
CMYK	0.00, 0.07, 0.05, 0.16
HSL	344°, 16%, 81%
HSV	344°, 7%, 84%
XYZ	59.5776, 60.1152, 65.5901
YIQ	204.9410, 7.6560, 4.4240

# Conversions

## Conversions Part 2

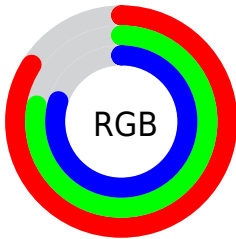
Format	Color
R <sub>Y</sub> B	215, 200, 204
Decimal	14141644
CIE Lab	81.90, 5.92, -0.11
CIE LCh	82, 5.922, 358.893
Yxy	60.1178, 0.3215, 0.3245
Android (android.graphics.Color)	4292331724 (0xFFD7C8CC)
YUV	204.9410, -0.4639, 8.8217
Hunter-Lab	77.5340, 1.4761, 4.1173

# Details

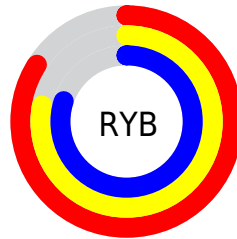
The HunterLab color  $77.5340, 1.4761, 4.1173$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $80.9845, -9.7399, 4.6106$ , and the grayscale version is  $78.1100, -4.1678, 4.2439$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $54.9849, 2.0795, 2.8045$  is the 20% darker color. If you saturate the color by 10%, you get  $70.8026, 10.0857, 3.8546$ , and if you desaturate by 10%, it is  $84.6065, -6.9120, 4.6745$ .

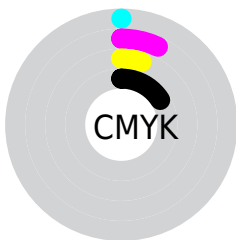
# Distribution



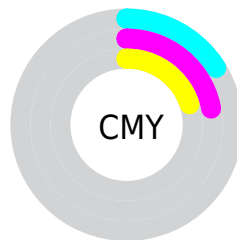
- Red (84%)
- Green (78%)
- Blue (80%)



- Red (84%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.5340, 1.4761, 4.1173 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 77.5340, 1.4761, 4.1173 by changing the saturation by 10% instead.



■ 77.5340, 1.4761,  
4.1173

■ 77.5340, 1.4761,  
4.1173

206.1630, -3.2839,  
11.0809

■ 65.9649, 1.8060,  
3.4941

102.4698, 0.6747,  
5.4659

■ 55.0348, 2.0875,  
2.9048

115.7791, 0.2134,  
6.1857

■ 44.7856, 2.3134,  
2.3529

129.6193, -0.2856,  
6.9346

■ 35.2659, 2.4766,  
1.8412

143.9710, -0.8203,  
7.7115

■ 26.5367, 2.5681,  
1.3731

158.8164, -1.3890,  
8.5154

■ 18.6771, 2.5742,  
0.9532


174.1396, -1.9900,

■ 11.7970, 2.4739,


9.3455

0.5877


189.9262, -2.6221,  
10.2009


 4.5890, 5.3773,  
0.1464


0.0000, NaN, NaN


 77.5340, 1.4761,  
4.1173


 77.5340, 1.4761,  
4.1173


 70.8026, 10.0857,  
3.8546


 84.6065, -6.9120,  
4.6745


 64.4663, 18.9085,  
3.9455

 91.9680, -15.0845,  
5.4708

 58.6004, 27.8769,  
4.4640

 96.4116, -18.2974,  
2.8028

 53.2950, 36.8339,  
5.4861

 96.5335, -17.6134,  
1.0680

■ 48.6556, 45.4813,  
7.0742

■ 44.7957, 53.3391,  
9.2457

■ 41.8180, 59.7696,  
11.9307

■ 39.7815, 64.1372,  
14.9391

■ 38.6484, 66.1494,  
17.9667

# Harmonies

## Analogous

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



77.5357, 0.6578, 1.4489



77.5340, 1.4761, 4.1173



77.5357, 0.7675, 6.7231

# Triad

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



77.5357, 1.4741, 4.1186



77.5357, -6.7991, 8.6929



77.5357, -6.9819, -0.4272

# Complementary

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



77.5340, 1.4761, 4.1173



80.9845, -9.7399, 4.6106

# 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.



77.5357, -8.9309, 1.6315



77.5340, 1.4761, 4.1173



77.5357, -8.8264, 6.8933

# Square

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



77.5357, 1.4741, 4.1186



77.5357, -4.0342, 9.3053



77.5357, -9.6012, 4.3222



77.5357, -4.2483, -1.2339



# Rectangle

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



77.5340, 1.4761, 4.1173



77.5357, -0.4663, 8.0861



77.5357, -9.6012, 4.3222



77.5357, -7.7491, 0.1450

# Sweetspot

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



77.5357, 1.4741, 4.1186



98.2601, -3.2868, 5.2903



77.5025, 2.0665, -1.3900



45.4993, -1.5677, 2.4507

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.5357, 1.4741, 4.1186



93.1350, 2.9267, 4.9422



78.4653, -0.9896, 7.0404



35.3194, 1.6566, 1.8740



29.7232, 51.5531, 14.1582



7.3936, 13.0061, 2.1081



# Inverse Universe

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



77.5357, 1.4741, 4.1186



93.1350, 2.9267, 4.9422



80.0155, -7.2804, 1.5395



35.3194, 1.6566, 1.8740



29.7232, 51.5531, 14.1582

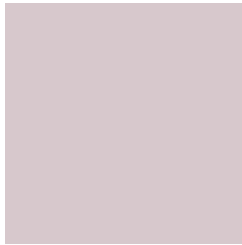


7.3936, 13.0061, 2.1081



# Previews

## White Background



This preview shows how the HunterLab color 77.5340, 1.4761, 4.1173 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

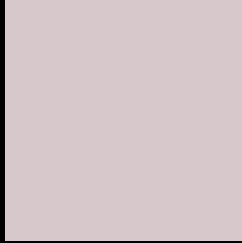
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.5340, 1.4761, 4.1173 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

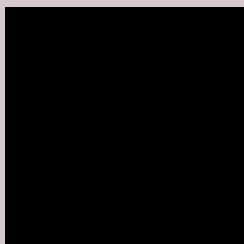
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

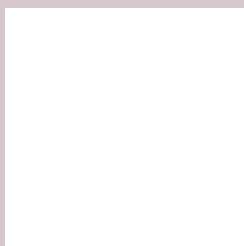
Any Text WCAG AAA ✓ Pass

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

## HunterLab 77.5340, 1.4761, 4.1173 Background



This preview shows how black text looks on a background with the HunterLab color 77.5340, 1.4761, 4.1173.



This preview shows how white text looks on a background with the HunterLab color 77.5340, 1.4761,



# 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

77.5340, 1.4761, 4.1173

### Protanopia

77.7390, -2.3418, 3.3266

### Deuteranopia

77.4779, 5.9115, 3.6460



## Tritanopia

77.3577, 4.5730, -1.0121

# Trichromacy



## Original Color

77.5340, 1.4761, 4.1173

## Protanomaly

77.6856, -1.0313, 3.7705

## Deuteranomaly

77.4671, 4.3638, 3.6061

## Tritanomaly

77.5235, 3.3494, 1.1963

# Monochromacy



## Original Color

77.5340, 1.4761, 4.1173

## Achromatopsia

78.1342, -4.1690, 4.2452

## Achromatomaly

77.8941, -1.8685, 4.0024

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.5340, 1.4761, 4.1173 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(215, 200, 204)` looks like.

```
.text, #text, p{  
    color:rgb(215, 200, 204)  
}
```

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(215, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 200, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.5340, 1.4761, 4.1173 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(215, 200, 204) }
```



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

```
.border{ border-color:rgb(215, 200, 204) }
```

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

Here you see how a box with a 4 pixel rgb(215, 200, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(215, 200,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.5340, 1.4761, 4.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 200, 204) }
```

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

```
.background{ background-color: rgb(215,  
200, 204) }
```

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