

Converting Colors

HunterLab(76.8674, -4.3626,
6.5444)

Have a look what the booklet for
HunterLab(76.8674, -4.3626, 6.5444)
contains.

HunterLab(76.8828, -4.2957, 6.5637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.8828, -4.2957,
6.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCAC5
RGB	204, 202, 197
RGB Percent	80%, 79%, 77%
CMY	0.2000, 0.2078, 0.2274
CMYK	0.00, 0.01, 0.03, 0.20
HSL	43°, 6%, 79%
HSV	43°, 3%, 80%
XYZ	56.1004, 59.1096, 61.2758
YIQ	202.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

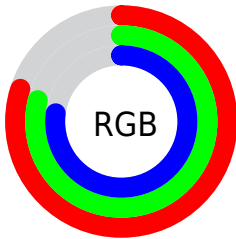
Format	Color
R _Y B	200, 204, 197
Decimal	13421253
CIE Lab	81.35, -0.21, 2.73
CIE LCh	81, 2.734, 94.300
Yxy	59.1122, 0.3179, 0.3349
Android (android.graphics.Color)	4291611333 (0xFFCCCAC5)
YUV	202.0280, -2.4788, 1.7294
Hunter-Lab	76.8828, -4.2957, 6.5637

Details

The HunterLab color $76.8828, -4.2957, 6.5637$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.5486, -3.8002, 1.6529$, and the grayscale version is $76.8745, -4.1018, 4.1767$.

A 20% lighter version of the original color is $99.9679, -5.5118, 5.8916$, and $54.4491, -3.0822, 5.2003$ is the 20% darker color. If you saturate the color by 10%, you get $74.5388, -4.5271, 12.9310$, and if you desaturate by 10%, it is $79.3055, -3.7562, -0.4807$.

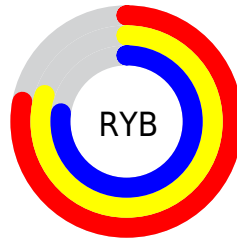
Distribution



Red (80%)

Green (79%)

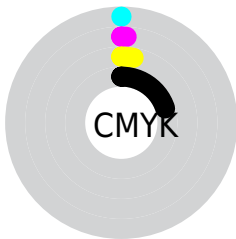
Blue (77%)



Red (78%)

Yellow (80%)

Blue (77%)

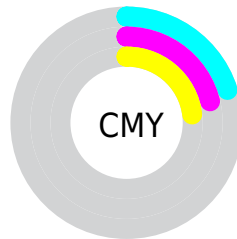


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8828, -4.2957, 6.5637 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 76.8828, -4.2957, 6.5637 by changing the saturation by 10% instead.

■ 76.8828, -4.2957,
6.5637

■ 76.8828, -4.2957,
6.5637

205.2602,
-11.2283, 14.5003

■ 65.3479, -3.6713,
5.8072

101.7550, -5.6447,
8.1590

■ 54.4541, -3.0788,
5.0765

115.0345, -6.3627,
8.9941

■ 44.2436, -2.5220,
4.3734

128.8461, -7.1088,
9.8537

■ 34.7656, -2.0035,
3.6983

143.1702, -7.8820,
10.7373

■ 26.0818, -1.5263,
3.0510

157.9889, -8.6814,
11.6443

■ 18.2728, -1.0943,
2.4305

173.2863, -9.5060,

■ 11.4505, -0.7128,

12.5741

1.8328

189.0478,
-10.3552, 13.5263

■ 3.8705, -0.4376,
2.7094

0.0000, NaN, NaN

■ 76.8828, -4.2957,
6.5637

■ 76.8828, -4.2957,
6.5637

■ 74.5388, -4.5271,
12.9310

■ 79.3055, -3.7562,
-0.4807

■ 72.2715, -4.4311,
18.5796

■ 81.7987, -2.9176,
-8.1669

■ 70.0857, -3.9977,
23.4745

■ 84.2378, -2.4692,
-14.7250

■ 67.9839, -3.2172,
27.5839

■ 86.0566, -5.5033,
-12.2501

65.9687, -2.0839,
30.8825

87.8988, -8.5143,
-9.8015

64.0417, -0.5966,
33.3552

89.7635, -11.5021,
-7.3792

62.2041, 1.2390,
35.0015

91.6499, -14.4672,
-4.9825

60.4556, 3.4083,
35.8427

93.5572, -17.4100,
-2.6110

58.7938, 5.8834,
35.9337

95.4847, -20.3308,
-0.2642

Harmonies

Analogous

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



76.8845, -2.9975, 6.3389



76.8828, -4.2957, 6.5637



76.8845, -5.5382, 6.1621

Triad

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



76.8845, -4.2976, 6.5649



76.8845, -6.2017, 2.8054



76.8845, -1.7952, 3.1256

Complementary

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



76.8828, -4.2957, 6.5637



75.5486, -3.8002, 1.6529

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.



76.8845, -2.6642, 2.1540



76.8828, -4.2957, 6.5637



76.8845, -5.2092, 1.9670

Square

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



76.8845, -4.2976, 6.5649



76.8845, -6.6329, 4.0029



76.8845, -3.9152, 1.7266



76.8845, -1.5471, 4.3667

Rectangle

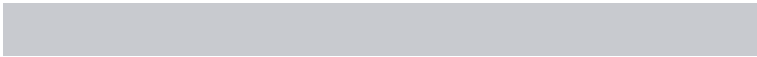
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.8828, -4.2957, 6.5637



76.8845, -6.1664, 5.5872



76.8845, -3.9152, 1.7266



76.8845, -2.0247, 2.7560

Sweetspot

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



76.8845, -4.2976, 6.5649



99.6864, -5.3981, 6.3339



75.4314, -1.4054, 3.9369



46.1267, -2.4960, 2.9098

0.0000, NaN, NaN



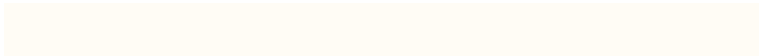
46.2646, -2.4686, 2.5136

Same Dimension

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



76.8845, -4.2976, 6.5649



98.7514, -5.5607, 8.9829



77.3681, -5.7517, 7.0921



35.9240, -2.0378, 3.4757



45.9895, 5.7175, 28.4386



11.0293, 0.2554, 6.8007

Inverse Universe

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



75.5486, -3.8002, 1.6529



96.7225, -4.8051, 1.5222



75.0688, -2.3488, 1.0961



35.0672, -1.7186, 0.3247



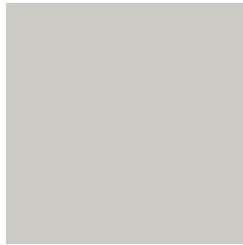
21.9058, 25.9349, -83.3664



6.1547, 2.9334, -14.0253

Previews

White Background



This preview shows how the HunterLab color 76.8828, -4.2957, 6.5637 looks on a white background.

Color Contrast Check

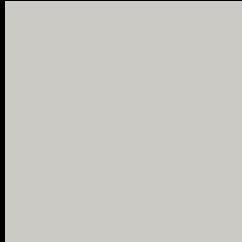
Large Text (above 18pt) WCAG AA × Fail

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 76.8828, -4.2957, 6.5637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

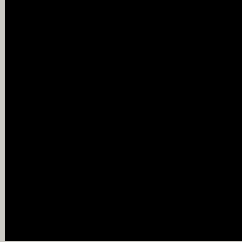
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

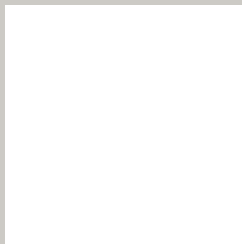
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.8828, -4.2957, 6.5637 Background



This preview shows how black text looks on a background with the HunterLab color 76.8828, -4.2957, 6.5637.



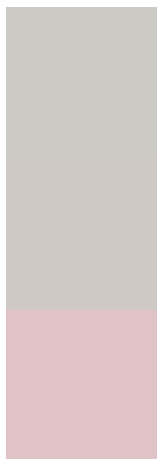
This preview shows how white text looks on a background with the HunterLab color 76.8828, -4.2957,

6.5637.

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

76.8828, -4.2957, 6.5637

Protanopia

76.8569, -2.8215, 6.5598

Deuteranopia

76.6782, 5.8128, 6.0397



Tritanopia

76.8235, 1.3011, -2.2559

Trichromacy



Original Color

76.8828, -4.2957, 6.5637

Protanomaly

76.7635, -3.1453, 6.4470

Deuteranomaly

76.8533, 1.8577, 6.1726

Tritanomaly

76.8013, -0.7782, 1.2428

Monochromacy



Original Color

76.8828, -4.2957, 6.5637

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

76.8815, -4.1194, 5.1615

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8828, -4.2957, 6.5637 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, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 197)  
}
```

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, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8828, -4.2957, 6.5637 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, 202, 197) }
```


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

```
.border{ border-color:rgb(204, 202, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 202, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 202, 197); box-shadow:4px 4px 4px 4px rgb(204, 202, 197) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8828, -4.2957, 6.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 197) }
```

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

```
.background{ background-color: rgb(204,  
202, 197) }
```

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