

Converting Colors

HunterLab(76.6089, -3.6135,
6.1257)

Have a look what the booklet for
HunterLab(76.6089, -3.6135, 6.1257)
contains.

HunterLab(76.5780, -3.7890, 6.2226)	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(76.5780, -3.7890,
6.2226)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC9C5
RGB	204, 201, 197
RGB Percent	80%, 79%, 77%
CMY	0.2000, 0.2117, 0.2274
CMYK	0.00, 0.01, 0.03, 0.20
HSL	34°, 6%, 79%
HSV	34°, 3%, 80%
XYZ	55.8665, 58.6419, 61.1978
YIQ	201.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

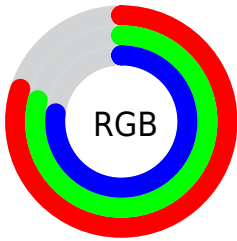
Format	Color
R_{YB}	202, 204, 197
Decimal	13420997
CIE Lab	81.10, 0.32, 2.35
CIE LCh	81, 2.375, 82.228
Yxy	58.6444, 0.3180, 0.3338
Android (android.graphics.Color)	4291611077 (0xFFCCC9C5)
YUV	201.4410, -2.1894, 2.2442
Hunter-Lab	76.5780, -3.7890, 6.2226

Details

The HunterLab color $76.5780, -3.7890, 6.2226$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.8536, -4.3068, 2.0122$, and the grayscale version is $76.6227, -4.0884, 4.1631$.

A 20% lighter version of the original color is $99.9679, -5.5118, 5.8916$, and $54.1615, -2.6040, 4.8812$ is the 20% darker color. If you saturate the color by 10%, you get $73.3588, -2.5600, 11.7089$, and if you desaturate by 10%, it is $79.8948, -4.7354, 0.2287$.

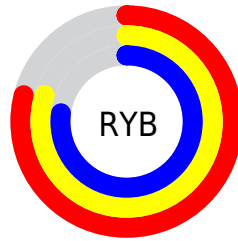
Distribution



Red (80%)

Green (79%)

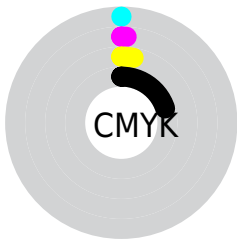
Blue (77%)



Red (79%)

Yellow (80%)

Blue (77%)

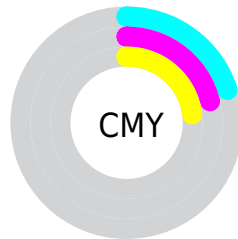


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5780, -3.7890, 6.2226 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 76.5780, -3.7890, 6.2226 by changing the saturation by 10% instead.

■ 76.5780, -3.7890,
6.2226

■ 76.5780, -3.7890,
6.2226

204.8372,
-10.5252, 14.0224

■ 65.0592, -3.1914,
5.4848

101.4203, -5.0883,
7.7832

■ 54.1825, -2.6272,
4.7741

114.6858, -5.7831,
8.6021

■ 43.9902, -2.1007,
4.0923

128.4840, -6.5069,
9.4461

■ 34.5318, -1.6147,
3.4402

142.7951, -7.2585,
10.3147

■ 25.8694, -1.1731,
2.8182

157.6013, -8.0370,
11.2072

■ 18.0842, -0.7807,
2.2260

172.8865, -8.8415,

■ 11.2892, -0.4445,

12.1230

1.6612

188.6363, -9.6712,
13.0616

■ 3.4829, 0.2158,
2.4380

0.0000, NaN, NaN

■ 76.5780, -3.7890,
6.2226

■ 76.5780, -3.7890,
6.2226

■ 73.3588, -2.5600,
11.7089

■ 79.8948, -4.7354,
0.2287

■ 70.2389, -1.0230,
16.6379

■ 83.2980, -5.4132,
-6.2335

■ 67.2271, 0.8390,
20.9625

■ 86.6638, -6.5023,
-11.4368

■ 64.3310, 3.0428,
24.6333

■ 89.4485, -11.0014,
-7.7846

■ 61.5583, 5.6015,
27.6023

■ 92.2824, -15.4491,
-4.1905

■ 58.9172, 8.5224,
29.8268

■ 95.1629, -19.8467,
-0.6526

■ 56.4152, 11.8036,
31.2756

■ 95.6962, -20.6481,
-0.0096

■ 54.0593, 15.4301,
31.9379

■ 51.8545, 19.3679,
31.8406

Harmonies

Analogous

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



76.5797, -2.7308, 5.8129



76.5780, -3.7890, 6.2226



76.5797, -4.9250, 6.0905

Triad

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



76.5797, -3.7909, 6.2238



76.5797, -6.1267, 3.3683



76.5797, -2.3342, 2.8686

Complementary

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



76.5780, -3.7890, 6.2226



75.8536, -4.3068, 2.0122

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.



76.5797, -3.2518, 2.1952



76.5780, -3.7890, 6.2226



76.5797, -5.4402, 2.4867

Square

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



76.5797, -3.7909, 6.2238



76.5797, -6.2692, 4.4524



76.5797, -4.3891, 2.0545



76.5797, -1.8866, 3.8834

Rectangle

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



76.5780, -3.7890, 6.2226



76.5797, -5.5709, 5.7100



76.5797, -4.3891, 2.0545



76.5797, -2.5981, 2.5942

Sweetspot

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



76.5797, -3.7909, 6.2238



99.5703, -5.2052, 6.2017



75.4602, -1.2485, 3.5256



46.0756, -2.4112, 2.8516

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.5797, -3.7909, 6.2238



98.2885, -4.7911, 8.4673



77.4528, -5.4556, 7.1937



35.7285, -1.7127, 3.2590



40.2848, 17.0034, 25.1210



9.9296, 2.2741, 6.1584

Inverse Universe

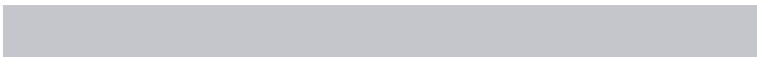
The Inverse Universe completely reimagines the original color for something new.



75.8536, -4.3068, 2.0122



97.1857, -5.5746, 2.0705



74.9843, -2.6410, 0.9880



35.2628, -2.0436, 0.5574



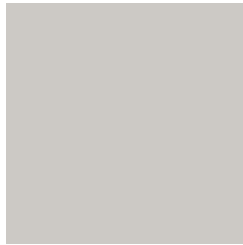
26.9146, 13.3177, -62.3900



7.2338, 0.7832, -10.7324

Previews

White Background



This preview shows how the HunterLab color 76.5780, -3.7890, 6.2226 looks on a white background.

Color Contrast Check

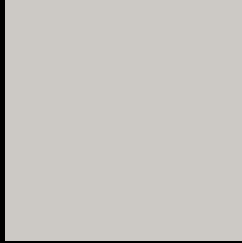
Large Text (above 18pt) WCAG AA × Fail

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 76.5780, -3.7890, 6.2226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

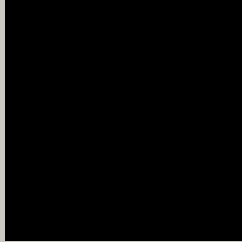
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

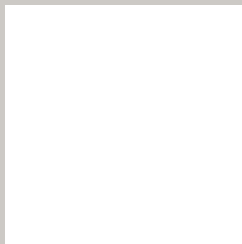
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.5780, -3.7890, 6.2226 Background



This preview shows how black text looks on a background with the HunterLab color 76.5780, -3.7890, 6.2226.

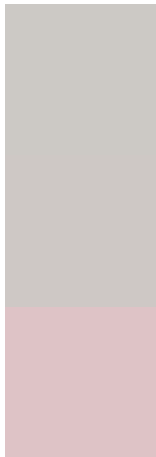


This preview shows how white text looks on a background with the HunterLab color 76.5780, -3.7890,

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

76.5780, -3.7890, 6.2226

Protanopia

76.4602, -2.6365, 6.1071

Deuteranopia

76.5748, 5.4665, 5.9142



Tritanopia

76.4909, 1.6392, -2.1501

Trichromacy



Original Color

76.5780, -3.7890, 6.2226

Protanomaly

76.3668, -2.9597, 5.9939

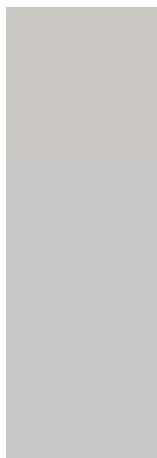
Deuteranomaly

76.4570, 2.0382, 5.7179

Tritanomaly

76.5001, -0.2637, 0.8848

Monochromacy



Original Color

76.5780, -3.7890, 6.2226

Achromatopsia

76.4250, -4.0778, 4.1523

Achromatomaly

76.4853, -3.9297, 4.7024

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5780, -3.7890, 6.2226 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, 201, 197)` looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 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, 201, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5780, -3.7890, 6.2226 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, 201, 197) }
```


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

```
.border{ border-color:rgb(204, 201, 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, 201, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.5780, -3.7890, 6.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 197) }
```

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

```
.background{ background-color: rgb(204,  
201, 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