

# Converting Colors

HunterLab(76.7014, -4.0702,  
4.4765)

Have a look what the booklet for  
HunterLab(76.7014, -4.0702, 4.4765)  
contains.

<b>HunterLab(76.8210, -4.2690, 4.6139)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	27
<i><b>CSS Examples</b></i> .....	30

# Color

**HunterLab(76.8210, -4.2690,  
4.6139)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CACAC9
RGB	202, 202, 201
RGB Percent	79%, 79%, 79%
CMY	0.2078, 0.2078, 0.2118
CMYK	0.00, 0.00, 0.00, 0.21
HSL	60°, 1%, 79%
HSV	60°, 0%, 79%
XYZ	56.0203, 59.0147, 63.6968
YIQ	201.8860, 0.3210, -0.3110

# Conversions

## Conversions Part 2

Format	Color
<b>R<sub>YB</sub></b>	201, 202, 201
Decimal	13290185
CIE Lab	81.30, -0.18, 0.49
CIE LCh	81, 0.522, 110.152
Yxy	59.0172, 0.3134, 0.3302
Android (android.graphics.Color)	4291480265 (0xFFCACAC9)
YUV	201.8860, -0.4368, 0.1000
Hunter-Lab	76.8210, -4.2690, 4.6139

# Details

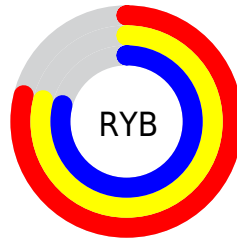
The HunterLab color  $76.8210, -4.2690, 4.6139$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $76.4570, -3.9070, 3.7107$ , and the grayscale version is  $76.8062, -4.0982, 4.1730$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $54.3896, -3.0625, 3.3702$  is the 20% darker color. If you saturate the color by 10%, you get  $76.2351, -7.4900, 12.9287$ , and if you desaturate by 10%, it is  $77.4864, -0.6618, -4.7153$ .

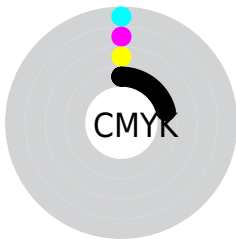
# Distribution



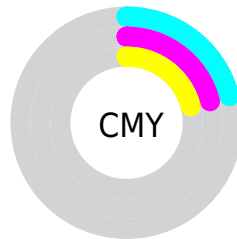
- Red (79%)
- Green (79%)
- Blue (79%)



- Red (79%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (21%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8210, -4.2690, 4.6139 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 76.8210, -4.2690, 4.6139 by changing the saturation by 10% instead.



■ 76.8210, -4.2690,  
4.6139

■ 76.8210, -4.2690,  
4.6139

205.1745,  
-11.1912, 11.7704

■ 65.2893, -3.6460,  
3.9643

101.6871, -5.6153,  
6.0113

■ 54.3990, -3.0549,  
3.3471

114.9638, -6.3321,  
6.7539

■ 44.1922, -2.4997,  
2.7655

128.7727, -7.0770,  
7.5248

■ 34.7182, -1.9829,  
2.2218

143.0941, -7.8491,  
8.3229

■ 26.0387, -1.5076,  
1.7186

157.9103, -8.6473,  
9.1472

■ 18.2345, -1.0776,  
1.2597

173.2052, -9.4709,

■ 11.4178, -0.6985,

9.9971

0.8494

188.9644,  
-10.3191, 10.8717

■ 3.7952, -0.4092,  
0.7420

0.0000, NaN, NaN

■ 76.8210, -4.2690,  
4.6139

■ 76.8210, -4.2690,  
4.6139

■ 76.2351, -7.4900,  
12.9287

■ 77.4864, -0.6618,  
-4.7153

■ 75.7225, -10.3179,  
20.2225

■ 78.2275, 3.3326,  
-15.0507

■ 75.2827, -12.7572,  
26.5033

■ 78.7722, 6.2415,  
-22.5607

■ 74.9136, -14.8143,  
31.7883

■ 78.7786, 6.2631,  
-22.5505

■ 74.6120, -16.5001,  
36.1062

■ 78.7851, 6.2847,  
-22.5404

■ 74.3744, -17.8302,  
39.4979

■ 78.7916, 6.3063,  
-22.5302

■ 74.1964, -18.8257,  
42.0182

■ 78.7980, 6.3280,  
-22.5200

■ 74.0730, -19.5135,  
43.7377

■ 78.8045, 6.3496,  
-22.5098

■ 73.9977, -19.9286,  
44.7474

■ 78.8110, 6.3712,  
-22.4995

# Harmonies

## Analogous

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



76.8227, -4.0199, 4.6365



76.8210, -4.2690, 4.6139



76.8227, -4.4766, 4.4778

# Triad

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



76.8227, -4.2708, 4.6151



76.8227, -4.4148, 3.8253



76.8227, -3.6230, 4.1024

# Complementary

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



76.8210, -4.2690, 4.6139



76.4570, -3.9070, 3.7107

# 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.



76.8227, -3.7291, 3.8844



76.8210, -4.2690, 4.6139



76.8227, -4.1864, 3.7240

# Square

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



76.8227, -4.2708, 4.6151



76.8227, -4.5596, 4.0220



76.8227, -3.9354, 3.7457



76.8227, -3.6456, 4.3410



# Rectangle

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



76.8210, -4.2690, 4.6139



76.8227, -4.5605, 4.3387



76.8227, -3.9354, 3.7457



76.8227, -3.6448, 4.0243

# Sweetspot

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



76.8227, -4.2708, 4.6151

100.0000, -5.3358, 5.4332



76.5169, -3.7608, 4.2652



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



76.8227, -4.2708, 4.6151



99.9175, -5.7861, 6.5968



76.7775, -4.4281, 4.5595



36.4232, -2.0972, 2.3740



59.3274, -16.1495, 36.2745



13.4777, -3.6587, 8.2408



# Inverse Universe

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



76.4570, -3.9070, 3.7107



98.9470, -4.8204, 4.1964



76.5022, -3.7499, 3.7670



36.0951, -1.7708, 1.5624



16.5767, 44.9410, -117.6040

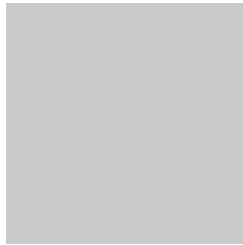


3.7742, 10.2141, -26.6349



# Previews

## White Background



This preview shows how the HunterLab color 76.8210, -4.2690, 4.6139 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 76.8210, -4.2690, 4.6139 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

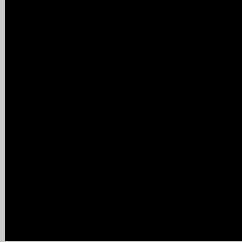
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

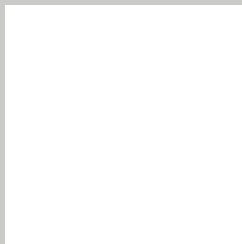
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# HunterLab 76.8210, -4.2690, 4.6139 Background



This preview shows how black text looks on a background with the HunterLab color 76.8210, -4.2690, 4.6139.



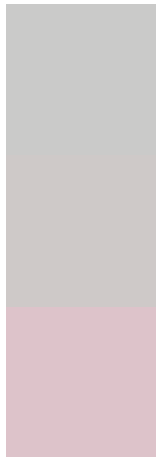
This preview shows how white text looks on a background with the HunterLab color 76.8210, -4.2690, 4.6139.

4.6139.

# 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

76.8210, -4.2690, 4.6139

### Protanopia

76.8539, -2.6513, 5.1551

### Deuteranopia

76.5941, 5.7755, 4.0447



## Tritanopia

76.8790, 0.0137, -2.7297

# Trichromacy



## Original Color

76.8210, -4.2690, 4.6139

## Protanomaly

76.7610, -2.9728, 5.0412

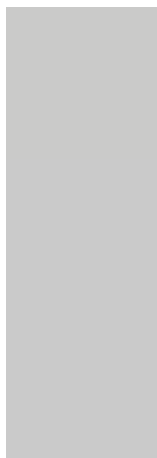
## Deuteranomaly

76.7780, 1.8450, 4.1927

## Tritanomaly

76.9240, -1.7162, -0.1303

# Monochromacy



## Original Color

76.8210, -4.2690, 4.6139

## Achromatopsia

76.8517, -4.1006, 4.1755

## Achromatomaly

76.8517, -4.1006, 4.1755

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.8210, -4.2690, 4.6139 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(202, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 201)  
}
```

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(202, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.8210, -4.2690, 4.6139 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(202, 202, 201) }
```

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

```
.border{ border-color:rgb(202, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
201) }
```



# Background

The CSS property to change the background color of an element to HunterLab 76.8210, -4.2690, 4.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 201) }
```

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

```
.background{ background-color: rgb(202,  
202, 201) }
```

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