

# Converting Colors

HunterLab(75.8170, -5.7880,  
12.4301)

Have a look what the booklet for  
HunterLab(75.8170, -5.7880,  
12.4301) contains.

<b>HunterLab(75.8170, -5.7880, 12.4301)</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(75.8170, -5.7880,  
12.4301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCC8B5
RGB	204, 200, 181
RGB Percent	80%, 78%, 71%
CMY	0.2000, 0.2157, 0.2902
CMYK	0.00, 0.02, 0.11, 0.20
HSL	50°, 18%, 75%
HSV	50°, 11%, 80%
XYZ	53.8966, 57.4822, 51.9706
YIQ	199.0300, 8.4830, -5.0610

# Conversions

## Conversions Part 2

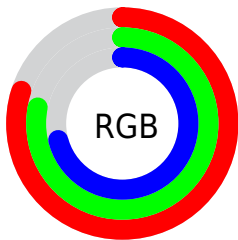
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 204, 181
Decimal	13420725
CIE Lab	80.45, -1.88, 9.99
CIE LCh	80, 10.169, 100.674
Yxy	57.4847, 0.3299, 0.3519
Android (android.graphics.Color)	4291610805 (0xFFCCC8B5)
YUV	199.0300, -8.8888, 4.3587
Hunter-Lab	75.8170, -5.7880, 12.4301

# Details

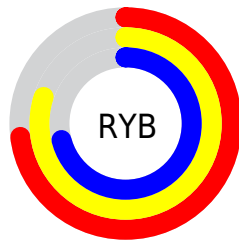
The HunterLab color  $75.8170, -5.7880, 12.4301$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $69.9146, -1.5778, -5.3925$ , and the grayscale version is  $75.6211, -4.0350, 4.1086$ .

A 20% lighter version of the original color is  $99.4457, -8.3811, 13.3628$ , and  $53.4793, -4.2946, 10.2375$  is the 20% darker color. If you saturate the color by 10%, you get  $74.2191, -6.8799, 18.8242$ , and if you desaturate by 10%, it is  $77.4889, -4.3537, 5.2018$ .

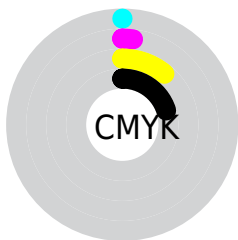
# Distribution



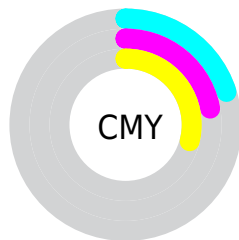
- Red (80%)
- Green (78%)
- Blue (71%)



- Red (73%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.8170, -5.7880, 12.4301 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 75.8170, -5.7880, 12.4301 by changing the saturation by 10% instead.



■ 75.8170, -5.7880,  
12.4301

■ 75.8170, -5.7880,  
12.4301

203.7800,  
-13.3093, 22.9832

■ 64.3386, -5.0833,  
11.3084

■ 100.5843, -7.2862,  
14.6961

■ 53.5047, -4.4054,  
10.1877

113.8148, -8.0740,  
15.8425

■ 43.3580, -3.7575,  
9.0639

127.5793, -8.8870,  
17.0002

■ 33.9489, -3.1405,  
7.9291

141.8579, -9.7248,  
18.1700

■ 25.3403, -2.5554,  
6.7706

156.6327,  
-10.5864, 19.3528

■ 17.6151, -2.0028,  
5.5665

171.8875,

■ 10.8890, -1.4821,

-11.4715, 20.5490

4.5667

187.6078,  
-12.3793, 21.7590

■ 2.2356, -3.7908,  
1.5649

0.0000, NaN, NaN

■ 75.8170, -5.7880,  
12.4301

■ 75.8170, -5.7880,  
12.4301

■ 74.2191, -6.8799,  
18.8242

■ 77.4889, -4.3537,  
5.2018

■ 72.6912, -7.6168,  
24.3582

■ 79.2286, -2.5799,  
-2.8365

■ 71.2351, -7.9970,  
29.0177

■ 81.0365, -0.4796,  
-11.6519

■ 69.8510, -8.0207,  
32.7962

■ 82.6092, 0.3026,  
-16.9929

68.5379, -7.6928,  
35.6989

83.7008, -1.5613,  
-15.4672

67.2943, -7.0241,  
37.7456

84.8016, -3.4167,  
-13.9515

66.1173, -6.0327,  
38.9759

85.9113, -5.2634,  
-12.4456

65.0025, -4.7471,  
39.4569

87.0298, -7.1015,  
-10.9496

64.0700, -3.4452,  
39.4193

88.1567, -8.9310,  
-9.4633

# Harmonies

## Analogous

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



75.8187, -0.9004, 12.1207



75.8170, -5.7880, 12.4301



75.8187, -10.1040, 10.6261

# Triad

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



75.8187, -5.7900, 12.4312



75.8187, -11.0764, -1.9616



75.8187, 5.0649, 1.0949

# Complementary

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



75.8170, -5.7880, 12.4301



69.9146, -1.5778, -5.3925

# 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.



75.8187, 2.2011, -3.0037



75.8170, -5.7880, 12.4301



75.8187, -7.1481, -4.8446

# Square

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



75.8187, -5.7900, 12.4312



75.8187, -13.1042, 2.4449



75.8187, -2.2932, -5.2376



75.8187, 5.4510, 5.7714



# Rectangle

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



75.8170, -5.7880, 12.4301



75.8187, -12.1048, 8.3944



75.8187, -2.2932, -5.2376



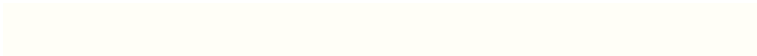
75.8187, 4.3567, -0.4038

# Sweetspot

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



75.8187, -5.7900, 12.4312



99.3338, -5.9609, 8.4129



70.2837, 4.5130, 4.5660



45.8746, -2.8319, 4.2531

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

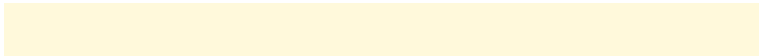


# Same Dimension

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



75.8187, -5.7900, 12.4312



96.9622, -7.9055, 18.5028



76.3902, -10.1052, 12.9636



35.7101, -2.6017, 5.2238



50.9492, -2.9309, 31.3433



11.9528, -1.2869, 7.3427



# Inverse Universe

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



69.9146, -1.5778, -5.3925



87.4351, -1.0924, -10.2958



69.3799, 2.6778, -6.0209



33.3974, -0.9537, -1.7534



19.0073, 35.2398, -99.8301

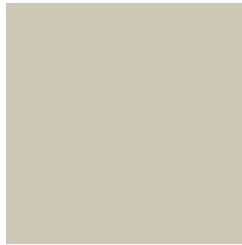


5.3462, 4.8685, -17.1920



# Previews

## White Background



This preview shows how the HunterLab color 75.8170, -5.7880, 12.4301 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

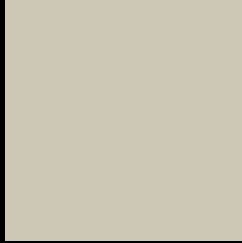
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.8170, -5.7880, 12.4301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

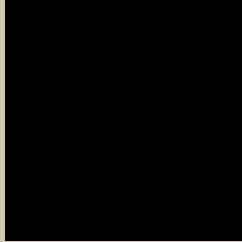
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

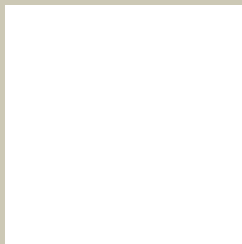
Any Text WCAG AAA ✓ Pass

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

## HunterLab 75.8170, -5.7880, 12.4301 Background



This preview shows how black text looks on a background with the HunterLab color 75.8170, -5.7880, 12.4301.



This preview shows how white text looks on a background with the HunterLab color 75.8170, -5.7880,



# 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

75.8170, -5.7880, 12.4301

### Protanopia

75.8631, -4.1164, 12.9275

### Deuteranopia

75.5541, 5.6218, 11.9253



## Tritanopia

75.8900, 2.4617, -1.3415

# Trichromacy



## Original Color

75.8170, -5.7880, 12.4301

## Protanomaly

75.7678, -4.4482, 12.8205

## Deuteranomaly

75.6038, 1.2639, 11.9024

## Tritanomaly

75.7417, -0.2815, 3.8922

# Monochromacy



## Original Color

75.8170, -5.7880, 12.4301

## Achromatopsia

75.5728, -4.0324, 4.1060

## Achromatomaly

75.5448, -4.5505, 7.3317

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.8170, -5.7880, 12.4301 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, 200, 181)` looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 181)  
}
```

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, 200, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 181) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.8170, -5.7880, 12.4301 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, 200, 181) }
```



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

```
.border{ border-color:rgb(204, 200, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 200, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
181) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.8170, -5.7880, 12.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 181) }
```

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

```
.background{ background-color: rgb(204,  
200, 181) }
```

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](#).

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