

# Converting Colors

HunterLab(75.4407, -4.4349,  
5.1988)

Have a look what the booklet for  
HunterLab(75.4407, -4.4349, 5.1988)  
contains.

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# Color

**HunterLab(75.4814, -4.5332,  
5.4100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7C7C4
RGB	199, 199, 196
RGB Percent	78%, 78%, 77%
CMY	0.2196, 0.2196, 0.2314
CMYK	0.00, 0.00, 0.02, 0.22
HSL	60°, 3%, 77%
HSV	60°, 2%, 78%
XYZ	53.9403, 56.9744, 60.3787
YIQ	198.6580, 0.9630, -0.9330

# Conversions

## Conversions Part 2

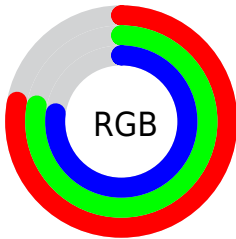
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 199, 196
Decimal	13092804
CIE Lab	80.17, -0.54, 1.49
CIE LCh	80, 1.587, 110.044
Yxy	56.9769, 0.3149, 0.3326
Android (android.graphics.Color)	4291282884 (0xFFC7C7C4)
YUV	198.6580, -1.3104, 0.2999
Hunter-Lab	75.4814, -4.5332, 5.4100

# Details

The HunterLab color  $75.4814, -4.5332, 5.4100$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $74.3913, -3.4545, 2.7125$ , and the grayscale version is  $75.4337, -4.0250, 4.0985$ .

A 20% lighter version of the original color is  $99.9359, -5.6870, 6.3478$ , and  $53.1258, -3.3102, 4.1174$  is the 20% darker color. If you saturate the color by 10%, you get  $74.9176, -7.6436, 13.4823$ , and if you desaturate by 10%, it is  $76.1232, -1.0429, -3.6595$ .

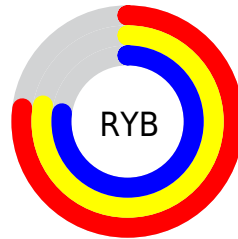
# Distribution



Red (78%)

Green (78%)

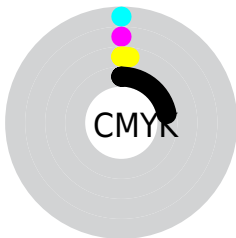
Blue (77%)



Red (77%)

Yellow (78%)

Blue (77%)

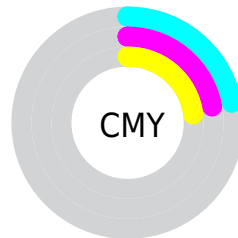


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.4814, -4.5332, 5.4100 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 75.4814, -4.5332, 5.4100 by changing the saturation by 10% instead.



■ 75.4814, -4.5332,  
5.4100

■ 75.4814, -4.5332,  
5.4100

203.3132,  
-11.5600, 12.8870

■ 64.0208, -3.8958,  
4.7164

100.2155, -5.9060,  
6.8887

■ 53.2059, -3.2896,  
4.0525

113.4304, -6.6352,  
7.6694

■ 43.0795, -2.7182,  
3.4209

127.1800, -7.3920,  
8.4767

■ 33.6923, -2.1839,  
2.8230

141.4442, -8.1755,  
9.3099

■ 25.1076, -1.6893,  
2.2603

156.2051, -8.9849,  
10.1682

■ 17.4090, -1.2379,  
1.7345

171.4465, -9.8192,

■ 10.7136, -0.8339,

11.0509

1.2463

187.1537,  
-10.6778, 11.9573

■ 1.3580, -1.8175,  
0.9506

0.0000, NaN, NaN

■ 75.4814, -4.5332,  
5.4100

■ 75.4814, -4.5332,  
5.4100

■ 74.9176, -7.6436,  
13.4823

■ 76.1232, -1.0429,  
-3.6595

■ 74.4256, -10.3678,  
20.5521

■ 76.8392, 2.8286,  
-13.7191

■ 74.0050, -12.7105,  
26.6282

■ 77.6024, 6.9165,  
-24.3431

■ 73.6534, -14.6787,  
31.7288

■ 77.6046, 6.9237,  
-24.3397

■ 73.3678, -16.2836,  
35.8832

■ 77.6067, 6.9309,  
-24.3362

■ 73.1446, -17.5411,  
39.1331

■ 77.6089, 6.9381,  
-24.3328

■ 72.9796, -18.4723,  
41.5335

■ 77.6110, 6.9453,  
-24.3293

■ 72.8676, -19.1045,  
43.1556

■ 77.6132, 6.9525,  
-24.3258

■ 72.8020, -19.4729,  
44.0909

■ 77.6153, 6.9597,  
-24.3224

# Harmonies

## Analogous

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



75.4830, -3.7772, 5.4737



75.4814, -4.5332, 5.4100



75.4830, -5.1556, 5.0016

# Triad

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



75.4830, -4.5350, 5.4112



75.4830, -4.9737, 3.0285



75.4830, -2.5777, 3.8665

# Complementary

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



75.4814, -4.5332, 5.4100



74.3913, -3.4545, 2.7125

# 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.



75.4830, -2.9010, 3.2048



75.4814, -4.5332, 5.4100



75.4830, -4.2857, 2.7178

# Square

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



75.4830, -4.5350, 5.4112



75.4830, -5.4082, 3.6277



75.4830, -3.5269, 2.7827



75.4830, -2.6451, 4.5866



# Rectangle

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



75.4814, -4.5332, 5.4100



75.4830, -5.4090, 4.5847



75.4830, -3.5269, 2.7827



75.4830, -2.6443, 3.6297

# Sweetspot

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



75.4830, -4.5350, 5.4112

100.0000, -5.3358, 5.4332



74.5713, -3.0156, 4.3745



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



75.4830, -4.5350, 5.4112



99.8372, -6.2272, 7.7482



75.3478, -5.0066, 5.2460



35.4384, -2.1865, 2.6887



58.3540, -15.7454, 35.6818



12.6987, -3.4230, 7.7650



# Inverse Universe

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



74.3913, -3.4545, 2.7125



97.8957, -4.3056, 2.9489



74.5269, -2.9843, 2.8827



34.8012, -1.5559, 1.1136



16.2875, 44.1718, -115.6677

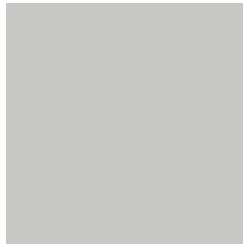


3.5473, 9.6140, -25.1431



# Previews

## White Background



This preview shows how the HunterLab color 75.4814, -4.5332, 5.4100 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 75.4814, -4.5332, 5.4100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

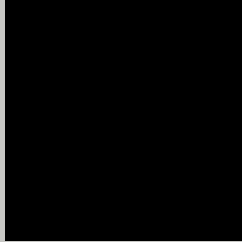
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

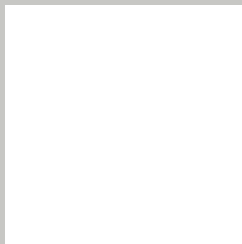
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 75.4814, -4.5332, 5.4100 Background



This preview shows how black text looks on a background with the HunterLab color 75.4814, -4.5332, 5.4100.



This preview shows how white text looks on a background with the HunterLab color 75.4814, -4.5332, 5.4100.



# 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

75.4814, -4.5332, 5.4100

### Protanopia

75.5148, -2.9161, 5.9440

### Deuteranopia

75.2568, 5.4926, 4.8530



## Tritanopia

75.5668, -0.1098, -2.3089

# Trichromacy



## Original Color

75.4814, -4.5332, 5.4100

## Protanomaly

75.4220, -3.2375, 5.8314

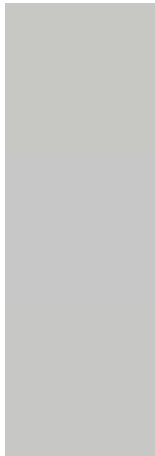
## Deuteranomaly

75.4389, 1.5680, 4.9969

## Tritanomaly

75.5803, -2.0065, 0.7302

# Monochromacy



## Original Color

75.4814, -4.5332, 5.4100

## Achromatopsia

75.5728, -4.0324, 4.1060

## Achromatomaly

75.5422, -4.2003, 4.5432

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.4814, -4.5332, 5.4100 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(199, 199, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 196)  
}
```

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(199, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 196) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.4814, -4.5332, 5.4100 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(199, 199, 196) }
```

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

```
.border{ border-color:rgb(199, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 199, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 199, 196); box-shadow:4px 4px 4px 4px rgb(199, 199, 196) }
```



# Background

The CSS property to change the background color of an element to HunterLab 75.4814, -4.5332, 5.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 196) }
```

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

```
.background{ background-color: rgb(199,  
199, 196) }
```

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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