

# Converting Colors

HunterLab(71.7856, -8.7268,  
7.5230)

Have a look what the booklet for  
HunterLab(71.7856, -8.7268, 7.5230)  
contains.

<b>HunterLab(71.8224, -8.7762, 7.5693)</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(71.8224, -8.7762,  
7.5693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C1B6
RGB	183, 193, 182
RGB Percent	72%, 76%, 71%
CMY	0.2823, 0.2431, 0.2863
CMYK	0.05, 0.00, 0.06, 0.24
HSL	115°, 8%, 74%
HSV	115°, 6%, 76%
XYZ	47.0419, 51.5846, 51.7334
YIQ	188.7560, -2.4290, -5.5410

# Conversions

## Conversions Part 2

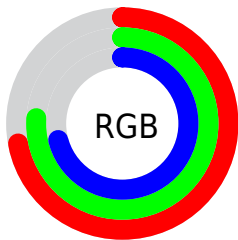
Format	Color
<a href="#">RYB</a>	<a href="#">182, 193, 192</a>
Decimal	<a href="#">12042678</a>
CIELab	<a href="#">77.03, -5.50, 4.34</a>
CIELCh	<a href="#">77, 7.001, 141.717</a>
Yxy	<a href="#">51.5868, 0.3129, 0.3431</a>
Android (android.graphics.Color)	<a href="#">4290232758</a> ( <a href="#">0xFFB7C1B6</a> )
YUV	<a href="#">188.7560, -3.3307, -5.0480</a>
Hunter-Lab	<a href="#">71.8224, -8.7762, 7.5693</a>

# Details

The HunterLab color  $71.8224, -8.7762, 7.5693$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $69.6520, 1.3609, -0.0056$ , and the grayscale version is  $71.2487, -3.8017, 3.8711$ .

A 20% lighter version of the original color is  $96.0599, -10.3334, 9.0846$ , and  $50.0869, -7.3009, 6.1505$  is the 20% darker color. If you saturate the color by 10%, you get  $69.8739, -16.8594, 13.4781$ , and if you desaturate by 10%, it is  $73.9785, -0.0961, 1.1474$ .

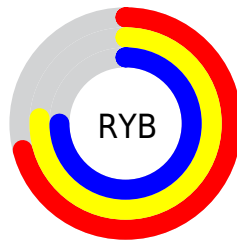
# Distribution



Red (72%)

Green (76%)

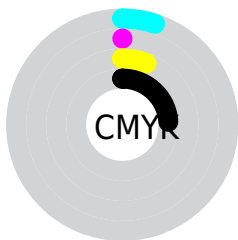
Blue (71%)



Red (71%)

Yellow (76%)

Blue (75%)

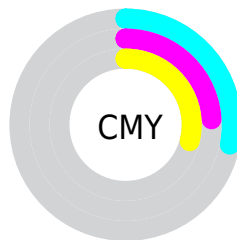


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.8224, -8.7762, 7.5693 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 71.8224, -8.7762, 7.5693 by changing the saturation by 10% instead.



■ 71.8224, -8.7762,  
7.5693

■ 71.8224, -8.7762,  
7.5693

198.2017,  
-17.5645, 15.9926

■ 60.5606, -7.8954,  
6.7436

■ 96.1881, -10.5978,  
9.2904

■ 49.9566, -7.0301,  
5.9386

109.2310,  
-11.5361, 10.1837

■ 40.0559, -6.1804,  
5.1547

122.8153,  
-12.4934, 11.0988

■ 30.9125, -5.3435,  
4.3901

136.9203,  
-13.4699, 12.0355

■ 22.5952, -4.5142,  
3.6416

151.5274,  
-14.4654, 12.9936

■ 15.1963, -3.6832,  
2.9022

166.6198,

■ 8.8239, -3.1852,

-15.4798, 13.9727

2.5180

182.1826,  
-16.5129, 14.9725

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.8224, -8.7762,  
7.5693

■ 71.8224, -8.7762,  
7.5693

■ 69.8739, -16.8594,  
13.4781

■ 73.9785, -0.0961,  
1.1474

■ 68.1355, -24.2565,  
18.8085

■ 76.3291, 9.1020,  
-5.7276

■ 66.6138, -30.8889,  
23.5045

■ 78.8664, 18.7370,  
-12.9931

■ 65.3116, -36.6862,  
27.5190

■ 81.4126, 27.8833,  
-18.2454

■ 64.2284, -41.5940,

■ 81.6222, 28.5289,

30.8192

-17.9279

■ 63.3605, -45.5803,  
33.3925

■ 62.6996, -48.6413,  
35.2507

■ 62.2329, -50.8071,  
36.4354

■ 61.9417, -52.1486,  
37.0272

# Harmonies

## Analogous

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



71.8239, -6.1826, 9.3245



71.8224, -8.7762, 7.5693



71.8239, -10.0436, 4.7788

# Triad

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



71.8239, -8.7778, 7.5704



71.8239, -4.7534, -2.3618



71.8239, 2.1900, 6.1200

# Complementary

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



71.8224, -8.7762, 7.5693



69.6520, 1.3609, -0.0056

# 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.



71.8239, 2.5895, 3.0294



71.8224, -8.7762, 7.5693



71.8239, -1.4593, -1.9628

# Square

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



71.8239, -8.7778, 7.5704



71.8239, -7.7479, -1.0214



71.8239, 1.2428, 0.0453



71.8239, 0.1610, 8.5140



# Rectangle

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



71.8224, -8.7762, 7.5693



71.8239, -9.9795, 2.6657



71.8239, 1.2428, 0.0453



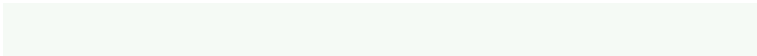
71.8239, 2.5208, 5.1316

# Sweetspot

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



71.8239, -8.7778, 7.5704



97.1454, -7.5708, 7.0524



72.3690, -5.1306, 8.2452



45.0091, -3.4519, 3.2261



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

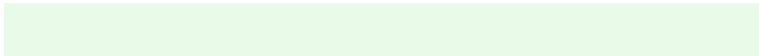


# Same Dimension

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



71.8239, -8.7778, 7.5704



95.7341, -13.3217, 11.2885



71.8676, -8.3658, 5.6282



33.7949, -4.8596, 4.1007



50.4636, -42.7725, 30.3466



10.5617, -8.5837, 6.3578



# Inverse Universe

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



69.6520, 1.3609, -0.0056



92.1150, 3.5745, -1.3371



69.6071, 0.9298, 2.0916



32.4469, 1.4336, -0.6019



29.4566, 59.1388, -48.3562

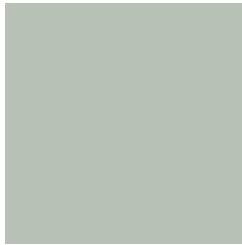


6.2350, 12.4522, -9.7273



# Previews

## White Background



This preview shows how the HunterLab color 71.8224, -8.7762, 7.5693 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

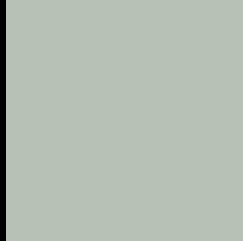
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.8224, -8.7762, 7.5693 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

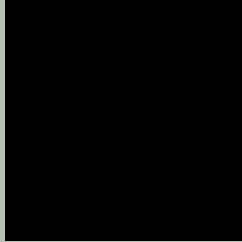
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

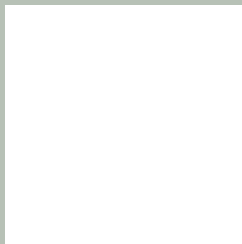
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.8224, -8.7762, 7.5693 Background



This preview shows how black text looks on a background with the HunterLab color 71.8224, -8.7762, 7.5693.



This preview shows how white text looks on a background with the HunterLab color 71.8224, -8.7762,

7.5693.

# 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

71.8224, -8.7762, 7.5693

### Protanopia

71.7121, -3.0296, 8.4353

### Deuteranopia

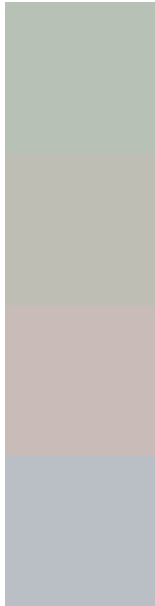
71.8266, 5.1622, 6.9171



## Tritanopia

71.9719, -2.1264, -3.2689

# Trichromacy



## Original Color

71.8224, -8.7762, 7.5693

## Protanomaly

71.5818, -4.9748, 7.8119

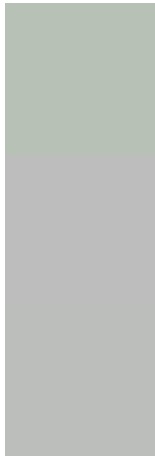
## Deuteranomaly

71.6778, 0.0879, 7.1119

## Tritanomaly

71.9249, -4.3655, 0.6994

# Monochromacy



## Original Color

71.8224, -8.7762, 7.5693

## Achromatopsia

71.3359, -3.8063, 3.8758

## Achromatomaly

71.3701, -5.4228, 5.2914

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.8224, -8.7762, 7.5693 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(183, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 193, 182)  
}
```

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(183, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 193, 182) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.8224, -8.7762, 7.5693 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(183, 193, 182) }
```



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

```
.border{ border-color:rgb(183, 193, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 193, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 193, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 193, 182); box-shadow:4px 4px 4px 4px rgb(183, 193, 182) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.8224, -8.7762, 7.5693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 193, 182) }
```

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

```
.background{ background-color: rgb(183,  
193, 182) }
```

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