

Converting Colors

HunterLab(49.8603, -6.8589,
5.0922)

Have a look what the booklet for
HunterLab(49.8603, -6.8589, 5.0922)
contains.

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Color

HunterLab(49.7705, -6.8241,
4.9691)

Conversions

Conversions Part 1

Format	Color
Hex	818B83
RGB	129, 139, 131
RGB Percent	51%, 55%, 51%
CMY	0.4941, 0.4549, 0.4863
CMYK	0.07, 0.00, 0.06, 0.45
HSL	132°, 4%, 53%
HSV	132°, 7%, 55%
XYZ	22.3826, 24.7710, 25.0743
YIQ	135.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

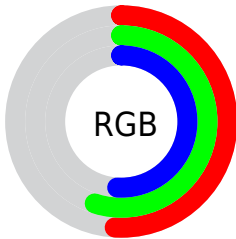
Format	Color
R_{YB}	129, 137, 139
Decimal	8489859
CIE Lab	56.85, -5.25, 3.02
CIE LCh	57, 6.058, 150.122
Yxy	24.7721, 0.3099, 0.3430
Android (android.graphics.Color)	4286679939 (0xFF818B83)
YUV	135.0980, -2.0203, -5.3479
Hunter-Lab	49.7705, -6.8241, 4.9691

Details

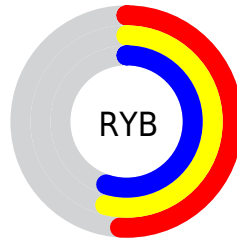
The HunterLab color $49.7705, -6.8241, 4.9691$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.9543, 1.7444, 0.3170$, and the grayscale version is $49.2705, -2.6290, 2.6770$.

A 20% lighter version of the original color is $71.4878, -8.2654, 6.2959$, and $30.7562, -5.0510, 3.4749$ is the 20% darker color. If you saturate the color by 10%, you get $48.4469, -12.2004, 7.9393$, and if you desaturate by 10%, it is $51.2383, -1.0576, 1.8862$.

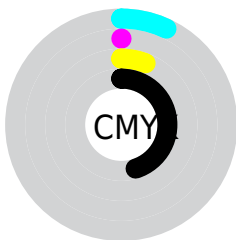
Distribution



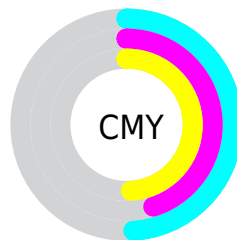
- Red (51%)
- Green (55%)
- Blue (51%)



- Red (51%)
- Yellow (54%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7705, -6.8241, 4.9691 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 49.7705, -6.8241, 4.9691 by changing the saturation by 10% instead.

■ 49.7705, -6.8241,
4.9691

■ 49.7705, -6.8241,
4.9691

166.3433,
-15.1726, 12.4799

■ 39.8840, -5.9902,
4.2627

■ 71.6151, -8.5463,
6.4637

■ 30.7548, -5.1692,
3.5820

■ 83.4904, -9.4346,
7.2497

■ 22.4533, -4.3575,
2.9268

■ 95.9579, -10.3423,
8.0611

■ 15.0719, -3.5462,
2.2942

108.9908,
-11.2694, 8.8973

■ 8.7100, -3.0930,
1.9103

122.5656,
-12.2161, 9.7578

0.0000, NaN, NaN

136.6613,

0.0000, NaN, NaN

-13.1823, 10.6421

0.0000, NaN, NaN

151.2595,
-14.1678, 11.5496

0.0000, NaN, NaN

■ 49.7705, -6.8241,
4.9691

■ 49.7705, -6.8241,
4.9691

■ 48.4469, -12.2004,
7.9393

■ 51.2383, -1.0576,
1.8862

■ 47.2688, -17.1274,
10.7644

■ 52.8415, 5.0470,
-1.2835

■ 46.2406, -21.5534,
13.4138

■ 54.5748, 11.4356,
-4.5143

■ 45.3636, -25.4321,
15.8569

■ 56.4316, 18.0596,
-7.7847

■ 44.6372, -28.7280,
18.0653

■ 58.4048, 24.8759,
-11.0765

■ 44.0580, -31.4205,
20.0149

■ 60.4877, 31.8465,
-14.3751

■ 43.6199, -33.5075,
21.6878

■ 62.6735, 38.9394,
-17.6689

■ 43.3131, -35.0094,
23.0732

■ 64.9558, 46.1278,
-20.9492

■ 43.1159, -36.0065,
24.1628

■ 67.3283, 53.3895,
-24.2093

Harmonies

Analogous

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



49.7716, -5.0871, 6.5648



49.7705, -6.8241, 4.9691



49.7716, -7.4515, 2.6993

Triad

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



49.7716, -6.8252, 4.9698



49.7716, -2.6480, -2.1673



49.7716, 1.6395, 4.9861

Complementary

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



49.7705, -6.8241, 4.9691



47.9543, 1.7444, 0.3170

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.



49.7716, 2.3234, 2.7191



49.7705, -6.8241, 4.9691



49.7716, -0.1821, -1.4819

Square

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



49.7716, -6.8252, 4.9698



49.7716, -5.0695, -1.4926



49.7716, 1.6502, 0.3373



49.7716, -0.2004, 6.5738

Rectangle

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



49.7705, -6.8241, 4.9691



49.7716, -7.1643, 1.0833



49.7716, 1.6502, 0.3373



49.7716, 2.0139, 4.2820

Sweetspot

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



49.7716, -6.8252, 4.9698



67.5915, -5.2176, 4.5411



50.3824, -4.7696, 6.5208



32.4582, -2.4550, 2.1534



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



49.7716, -6.8252, 4.9698



66.2336, -10.6163, 7.4587



49.9062, -6.0775, 3.0460



23.7140, -3.7874, 2.6629



40.9178, -34.4159, 23.1504



3.3608, -2.6444, 1.5079

Inverse Universe

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



47.9543, 1.7444, 0.3170



63.1331, 4.0075, -0.4800



47.8127, 0.9799, 2.3342



22.6100, 1.4197, -0.1638



24.4875, 46.1920, -17.1720



2.0458, 3.9405, -2.0661

Previews

White Background



This preview shows how the HunterLab color 49.7705, -6.8241, 4.9691 looks on a white background.

Color Contrast Check

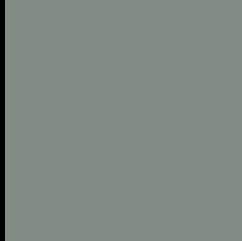
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7705, -6.8241, 4.9691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

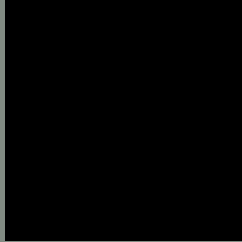
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

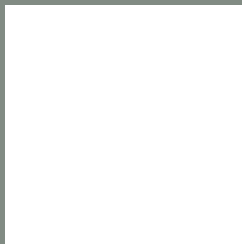
Any Text WCAG AAA × Fail

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

HunterLab 49.7705, -6.8241, 4.9691 Background



This preview shows how black text looks on a background with the HunterLab color 49.7705, -6.8241, 4.9691.



This preview shows how white text looks on a background with the HunterLab color 49.7705, -6.8241, 4.9691.

4.9691.

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

49.7705, -6.8241, 4.9691

Protanopia

49.7682, -2.5152, 5.8805

Deuteranopia

49.7471, 3.2871, 4.6942



Tritanopia

49.9033, -2.4584, -2.0888

Trichromacy



Original Color

49.7705, -6.8241, 4.9691

Protanomaly

49.7366, -4.0338, 5.4012

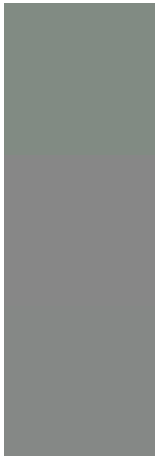
Deuteranomaly

49.8333, -0.6808, 4.7227

Tritanomaly

49.9253, -4.2201, 0.7638

Monochromacy



Original Color

49.7705, -6.8241, 4.9691

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.3114, -3.8342, 3.2000

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7705, -6.8241, 4.9691 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(129, 139, 131)` looks like.

```
.text, #text, p{  
    color:rgb(129, 139, 131)  
}
```

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(129, 139, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 139, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7705, -6.8241, 4.9691 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(129, 139, 131) }
```


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

```
.border{ border-color:rgb(129, 139, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 139, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 139, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 139, 131);  
box-shadow:4px 4px 4px 4px rgb(129, 139,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7705, -6.8241, 4.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 139, 131) }
```

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

```
.background{ background-color: rgb(129,  
139, 131) }
```

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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