

Converting Colors

HunterLab(47.9757, -8.8890,
4.3528)

Have a look what the booklet for
HunterLab(47.9757, -8.8890, 4.3528)
contains.

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Color

**HunterLab(47.9775, -8.9120,
4.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	768880
RGB	118, 136, 128
RGB Percent	46%, 53%, 50%
CMY	0.5373, 0.4667, 0.4980
CMYK	0.13, 0.00, 0.06, 0.47
HSL	153°, 7%, 50%
HSV	153°, 13%, 53%
XYZ	20.1717, 23.0184, 23.8019
YIQ	129.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

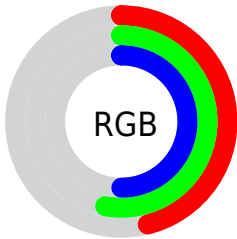
Format	Color
R_{YB}	118, 130, 136
Decimal	7768192
CIE Lab	55.09, -8.19, 2.09
CIE LCh	55, 8.449, 165.662
Yxy	23.0194, 0.3011, 0.3436
Android (android.graphics.Color)	4285958272 (0xFF768880)
YUV	129.7060, -0.8411, -10.2662
Hunter-Lab	47.9775, -8.9120, 4.1701

Details

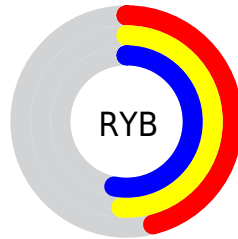
The HunterLab color $47.9775, -8.9120, 4.1701$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $44.3825, 4.3704, 1.0548$, and the grayscale version is $47.1377, -2.5152, 2.5611$.

A 20% lighter version of the original color is $69.4820, -10.8288, 5.3213$, and $29.1928, -6.6662, 2.8483$ is the 20% darker color. If you saturate the color by 10%, you get $46.8832, -13.2460, 5.3907$, and if you desaturate by 10%, it is $49.1988, -4.2309, 3.0411$.

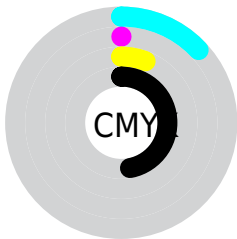
Distribution



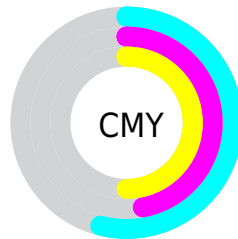
- Red (46%)
- Green (53%)
- Blue (50%)



- Red (46%)
- Yellow (51%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (47%)



- Cyan (54%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9775, -8.9120, 4.1701 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 47.9775, -8.9120, 4.1701 by changing the saturation by 10% instead.

■ 47.9775, -8.9120,
4.1701

■ 47.9775, -8.9120,
4.1701

163.6534,
-18.4448, 11.2778

■ 38.2202, -7.9023,
3.5218

■ 69.5882, -10.9477,
5.5595

■ 29.2312, -6.8882,
2.9041

■ 81.3561, -11.9787,
6.2972

■ 21.0840, -5.8598,
2.3183

■ 93.7214, -13.0214,
7.0627

■ 13.8769, -4.7969,
1.7639

106.6566,
-14.0771, 7.8550

■ 7.5083, -5.1515,
1.5638

120.1375,
-15.1468, 8.6734

0.0000, NaN, NaN

134.1430,

0.0000, NaN, NaN

-16.2311, 9.5171

0.0000, NaN, NaN

148.6540,
-17.3303, 10.3854

0.0000, NaN, NaN

■ 47.9775, -8.9120,
4.1701

■ 47.9775, -8.9120,
4.1701

■ 46.8832, -13.2460,
5.3907

■ 49.1988, -4.2309,
3.0411

■ 45.9152, -17.1917,
6.6911

■ 50.5405, 0.7595,
2.0082

■ 45.0757, -20.7160,
8.0597

■ 51.9995, 6.0180,
1.0765

■ 44.3640, -23.7918,
9.4816

■ 53.5709, 11.5057,
0.2476

■ 43.7777, -26.4020,
10.9393

■ 55.2496, 17.1865,
-0.4786

■ 43.3122, -28.5418,
12.4137

■ 57.0300, 23.0277,
-1.1039

■ 42.9602, -30.2217,
13.8843

■ 58.9068, 29.0003,
-1.6313

■ 42.7111, -31.4711,
15.3293

■ 60.8746, 35.0793,
-2.0647

■ 42.5732, -32.1833,
16.2618

■ 62.9282, 41.2433,
-2.4088

Harmonies

Analogous

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



47.9785, -7.2837, 6.8756



47.9775, -8.9120, 4.1701



47.9785, -8.8748, 0.8502

Triad

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



47.9785, -8.9129, 4.1708



47.9785, -0.7315, -3.9737



47.9785, 2.2342, 6.9703

Complementary

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



47.9775, -8.9120, 4.1701



44.3825, 4.3704, 1.0548

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.



47.9785, 4.0939, 4.3086



47.9775, -8.9120, 4.1701



47.9785, 2.3484, -2.0837

Square

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



47.9785, -8.9129, 4.1708



47.9785, -4.2186, -4.0172



47.9785, 4.1363, 0.9983



47.9785, -0.8838, 8.4116

Rectangle

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



47.9775, -8.9120, 4.1701



47.9785, -7.9112, -1.2744



47.9785, 4.1363, 0.9983



47.9785, 3.0311, 6.1975

Sweetspot

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



47.9785, -8.9129, 4.1708



65.1664, -6.1617, 4.1596



48.3328, -8.1568, 8.6141



31.3054, -3.1739, 2.0492



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



47.9785, -8.9129, 4.1708



63.2204, -13.6731, 6.0281



47.9437, -7.2281, 0.6098



23.7733, -3.4567, 1.8148



41.4193, -31.2952, 15.7868



3.4194, -2.2839, 0.6564

Inverse Universe

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



44.3825, 4.3704, 1.0548



57.3496, 8.0273, 0.9481



44.3990, 2.7453, 4.5180



22.5458, 1.0748, 0.7498



22.9548, 40.6836, 4.1901



1.9462, 3.5882, -0.7211

Previews

White Background



This preview shows how the HunterLab color 47.9775, -8.9120, 4.1701 looks on a white background.

Color Contrast Check

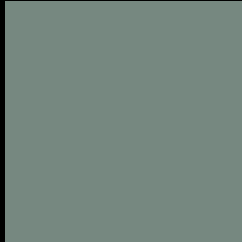
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9775, -8.9120, 4.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

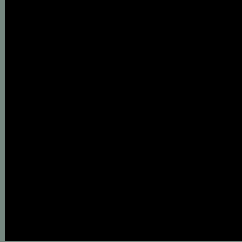
Any Text WCAG AA ✓ Pass

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 47.9775, -8.9120, 4.1701 Background



This preview shows how black text looks on a background with the HunterLab color 47.9775, -8.9120, 4.1701.

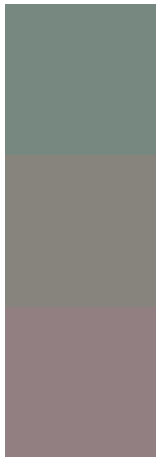


This preview shows how white text looks on a background with the HunterLab color 47.9775, -8.9120,

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

47.9775, -8.9120, 4.1701

Protanopia

47.8165, -2.2630, 5.3671

Deuteranopia

47.7600, 3.4861, 3.2730



Tritanopia

48.0924, -4.5688, -2.9748

Trichromacy



Original Color

47.9775, -8.9120, 4.1701

Protanomaly

47.9046, -4.8138, 5.0044

Deuteranomaly

47.6457, -1.1961, 3.4935

Tritanomaly

48.1207, -6.3239, -0.0848

Monochromacy



Original Color

47.9775, -8.9120, 4.1701

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.4585, -4.7526, 3.2139

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9775, -8.9120, 4.1701 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(118, 136, 128)` looks like.

```
.text, #text, p{  
    color:rgb(118, 136, 128)  
}
```

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(118, 136, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 136, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9775, -8.9120, 4.1701 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(118, 136, 128) }
```


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

```
.border{ border-color:rgb(118, 136, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 136, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 136, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 136, 128);  
box-shadow:4px 4px 4px 4px rgb(118, 136,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9775, -8.9120, 4.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 136, 128) }
```

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

```
.background{ background-color: rgb(118,  
136, 128) }
```

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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