

Converting Colors

HunterLab(48.8500, -10.4922,
-1.5265)

Have a look what the booklet for
HunterLab(48.8500, -10.4922,
-1.5265) contains.

HunterLab(48.9801, -10.4864, -1.4588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.9801,
-10.4864, -1.4588)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8C8F
RGB	109, 140, 143
RGB Percent	43%, 55%, 56%
CMY	0.5725, 0.4510, 0.4392
CMYK	0.24, 0.02, 0.00, 0.44
HSL	185°, 13%, 49%
HSV	185°, 24%, 56%
XYZ	20.6426, 23.9905, 29.5292
YIQ	131.0730, -19.4390, -5.6390

Conversions

Conversions Part 2

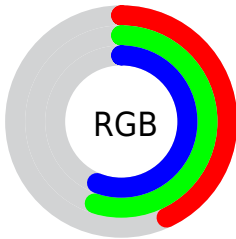
Format	Color
R _Y B	109, 125, 143
Decimal	7179407
CIE Lab	56.08, -10.14, -5.18
CIE LCh	56, 11.385, 207.086
Yxy	23.9915, 0.2783, 0.3235
Android (android.graphics.Color)	4285369487 (0xFF6D8C8F)
YUV	131.0730, 5.8800, -19.3580
Hunter-Lab	48.9801, -10.4864, -1.4588

Details

The HunterLab color $48.9801, -10.4864, -1.4588$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43.0490, 7.1053, 6.7241$, and the grayscale version is $47.6536, -2.5427, 2.5891$.

A 20% lighter version of the original color is $70.8462, -12.9503, -0.7786$, and $30.1053, -8.2425, -1.9887$ is the 20% darker color. If you saturate the color by 10%, you get $47.7396, -13.0947, -3.0868$, and if you desaturate by 10%, it is $50.3429, -7.4945, 0.2844$.

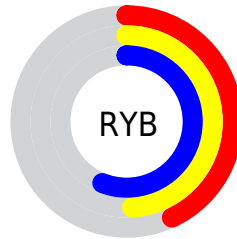
Distribution



Red (43%)

Green (55%)

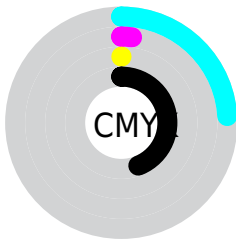
Blue (56%)



Red (43%)

Yellow (49%)

Blue (56%)

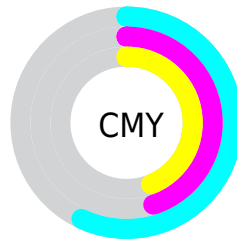


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9801, -10.4864, -1.4588 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 48.9801, -10.4864, -1.4588 by changing the saturation by 10% instead.

■ 48.9801, -10.4864,
-1.4588

■ 48.9801, -10.4864,
-1.4588

165.1597,
-20.8417, 2.9459

■ 39.1501, -9.3569,
-1.7218

■ 70.7222, -12.7374,
-0.7703

■ 30.0822, -8.2128,
-1.9238

■ 82.5504, -13.8670,
-0.3555

■ 21.8482, -7.0406,
-2.0552

■ 94.9732, -15.0035,
0.1020

■ 14.5429, -5.8147,
-2.1032

■ 107.9632,
-16.1488, 0.5993

■ 8.2037, -5.8221,
-2.2161

121.4968,
-17.3044, 1.1343

0.0000, NaN, NaN

135.5530,

0.0000, NaN, NaN

-18.4712, 1.7048

0.0000, NaN, NaN

150.1129,
-19.6501, 2.3091

0.0000, NaN, NaN

■ 48.9801, -10.4864,
-1.4588

■ 48.9801, -10.4864,
-1.4588

■ 47.7396, -13.0947,
-3.0868

■ 50.3429, -7.4945,
0.2844

■ 46.6203, -15.2919,
-4.5898

■ 51.8219, -4.1465,
2.1279

■ 45.6237, -17.0596,
-5.9567

■ 53.4143, -0.4746,
4.0597

■ 44.7486, -18.3875,
-7.1796

■ 55.1155, 3.4890,
6.0677

■ 43.9915, -19.2764,
-8.2543

■ 56.9207, 7.7128,
8.1407

■ 43.3462, -19.7415,
-9.1815

■ 58.8250, 12.1672,
10.2683

■ 42.8024, -19.8170,
-9.9696

■ 60.8232, 16.8243,
12.4416

■ 42.4883, -19.7703,
-10.4283

■ 62.9102, 21.6592,
14.6526

■ 65.0812, 26.6493,
16.8947

Harmonies

Analogous

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



48.9811, -11.4099, 3.1059



48.9801, -10.4864, -1.4588



48.9811, -7.4819, -5.2046

Triad

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



48.9811, -10.4871, -1.4580



48.9811, 5.2912, -2.2949



48.9811, -2.1508, 10.5753

Complementary

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



48.9801, -10.4864, -1.4588



43.0490, 7.1053, 6.7241

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.



48.9811, 2.4474, 9.4148



48.9801, -10.4864, -1.4588



48.9811, 6.8454, 2.2223

Square

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



48.9811, -10.4871, -1.4580



48.9811, 1.6132, -5.7192



48.9811, 5.7855, 6.4603



48.9811, -6.7067, 9.7894

Rectangle

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



48.9801, -10.4864, -1.4588



48.9811, -4.6411, -6.5831



48.9811, 5.7855, 6.4603



48.9811, -0.5577, 10.4027

Sweetspot

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



48.9811, -10.4871, -1.4580



68.6642, -7.1105, 2.0015



49.0537, -16.5421, 11.4672



32.8338, -3.5138, 0.8990



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



48.9811, -10.4871, -1.4580



64.5577, -16.1360, -3.2431



44.0933, -2.8024, -7.8224



24.5685, -2.8887, 0.5395



39.9713, -18.6142, -9.7780



4.1011, -2.0573, -0.6849

Inverse Universe

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



43.2098, 13.3254, -7.1866



55.0979, 23.2544, -12.9098



47.5403, -0.9047, 11.2339



23.4584, 1.6055, -0.4863



25.6890, 49.5824, -26.7278



2.5427, 4.9556, -3.0172

Previews

White Background



This preview shows how the HunterLab color 48.9801, -10.4864, -1.4588 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 48.9801, -10.4864, -1.4588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

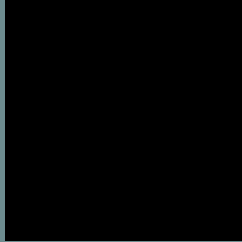
Any Text WCAG AA ✓ Pass

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 48.9801, -10.4864, -1.4588 Background



This preview shows how black text looks on a background with the HunterLab color 48.9801, -10.4864, -1.4588.



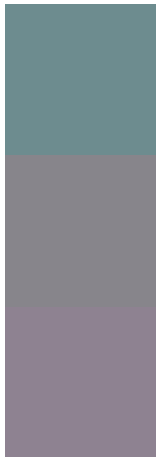
This preview shows how white text looks on a background with the HunterLab color 48.9801,

-10.4864, -1.4588.

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

48.9801, -10.4864, -1.4588

Protanopia

48.7750, -1.0399, 0.3448

Deuteranopia

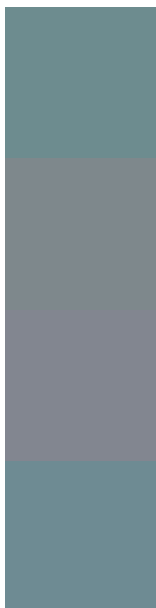
48.7446, 3.4946, -2.4860



Tritanopia

48.9717, -8.5436, -4.9072

Trichromacy



Original Color

48.9801, -10.4864, -1.4588

Protanomaly

48.9259, -4.8380, -0.0036

Deuteranomaly

48.7951, -2.1134, -2.0302

Tritanomaly

48.8741, -9.0903, -3.5297

Monochromacy



Original Color

48.9801, -10.4864, -1.4588

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.9692, -5.5541, 1.1299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9801, -10.4864, -1.4588 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(109, 140, 143)` looks like.

```
.text, #text, p{  
    color:rgb(109, 140, 143)  
}
```

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(109, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 140, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9801, -10.4864, -1.4588 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(109, 140, 143) }
```


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

```
.border{ border-color:rgb(109, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 140, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 140, 143); box-shadow:4px 4px 4px 4px rgb(109, 140, 143) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9801, -10.4864, -1.4588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 140, 143) }
```

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

```
.background{ background-color: rgb(109,  
140, 143) }
```

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