

Converting Colors

HunterLab(48.9386, -9.4647,
1.7275)

Have a look what the booklet for
HunterLab(48.9386, -9.4647, 1.7275)
contains.

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Color

HunterLab(48.9447, -9.5080,
1.7772)

Conversions

Conversions Part 1

Format	Color
Hex	748B88
RGB	116, 139, 136
RGB Percent	45%, 55%, 53%
CMY	0.5451, 0.4549, 0.4667
CMYK	0.17, 0.00, 0.02, 0.45
HSL	172°, 9%, 50%
HSV	172°, 17%, 55%
XYZ	20.8790, 23.9558, 26.8161
YIQ	131.7810, -12.7450, -5.8090

Conversions

Conversions Part 2

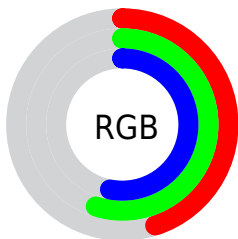
Format	Color
R_{YB}	116, 128, 139
Decimal	7637896
CIE _{Lab}	56.04, -8.84, -1.15
CIE _{LCh}	56, 8.918, 187.413
Yxy	23.9568, 0.2914, 0.3343
Android (android.graphics.Color)	4285827976 (0xFF748B88)
YUV	131.7810, 2.0800, -13.8399
Hunter-Lab	48.9447, -9.5080, 1.7772

Details

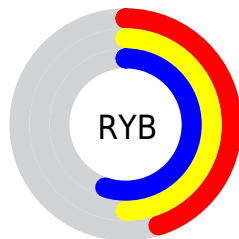
The HunterLab color $48.9447, -9.5080, 1.7772$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43.9458, 5.2392, 3.6229$, and the grayscale version is $47.9456, -2.5583, 2.6050$.

A 20% lighter version of the original color is $70.8088, -11.9793, 3.1101$, and $30.0166, -7.5311, 0.9740$ is the 20% darker color. If you saturate the color by 10%, you get $47.9826, -13.1383, 1.3828$, and if you desaturate by 10%, it is $50.0338, -5.5118, 2.3241$.

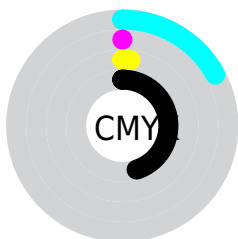
Distribution



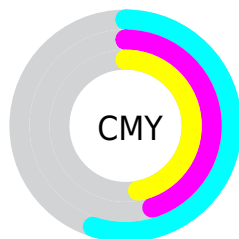
- Red (45%)
- Green (55%)
- Blue (53%)



- Red (45%)
- Yellow (50%)
- Blue (55%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9447, -9.5080, 1.7772 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 48.9447, -9.5080, 1.7772 by changing the saturation by 10% instead.

■ 48.9447, -9.5080,
1.7772

■ 48.9447, -9.5080,
1.7772

165.1067,
-19.3247, 7.6648

■ 39.1173, -8.4579,
1.3055

■ 70.6822, -11.6171,
2.8476

■ 30.0522, -7.4006,
0.8798

■ 82.5083, -12.6819,
3.4392

■ 21.8211, -6.3252,
0.5062

■ 94.9290, -13.7570,
4.0656

■ 14.5193, -5.2107,
0.1924

107.9172,
-14.8437, 4.7250

■ 8.1803, -5.1478,
-0.1378

121.4489,
-15.9432, 5.4159

0.0000, NaN, NaN

135.5033,

0.0000, NaN, NaN

-17.0562, 6.1370

0.0000, NaN, NaN

150.0615,
-18.1832, 6.8869

0.0000, NaN, NaN

■ 48.9447, -9.5080,
1.7772

■ 48.9447, -9.5080,
1.7772

■ 47.9826, -13.1383,
1.3828

■ 50.0338, -5.5118,
2.3241

■ 47.1453, -16.3713,
1.1425

■ 51.2446, -1.1802,
3.0153

■ 46.4335, -19.1855,
1.0580

■ 52.5751, 3.4512,
3.8436

■ 45.8448, -21.5669,
1.1270

■ 54.0212, 8.3467,
4.8001

■ 45.3753, -23.5119,
1.3436

■ 55.5784, 13.4718,
5.8750

■ 45.0184, -25.0295,
1.6979

■ 57.2420, 18.7939,
7.0584

■ 44.7652, -26.1435,
2.1760

■ 59.0068, 24.2832,
8.3405

■ 44.5977, -26.9175,
2.7523

■ 60.8677, 29.9128,
9.7118

■ 44.5457, -27.1618,
2.9562

■ 62.8196, 35.6589,
11.1633

Harmonies

Analogous

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



48.9457, -9.0464, 5.2068



48.9447, -9.5080, 1.7772



48.9457, -8.1683, -1.6538

Triad

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



48.9457, -9.5089, 1.7779



48.9457, 1.8089, -3.0557



48.9457, 0.1641, 8.5408

Complementary

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



48.9447, -9.5080, 1.7772



43.9458, 5.2392, 3.6229

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.



48.9457, 3.1990, 6.6215



48.9447, -9.5080, 1.7772



48.9457, 4.1683, -0.0225

Square

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



48.9457, -9.5089, 1.7779



48.9457, -1.6877, -4.5767



48.9457, 4.6845, 3.5343



48.9457, -3.5340, 8.9442

Rectangle

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



48.9447, -9.5080, 1.7772



48.9457, -6.4082, -3.4242



48.9457, 4.6845, 3.5343



48.9457, 1.2989, 8.0589

Sweetspot

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



48.9457, -9.5089, 1.7779



67.1777, -6.5683, 3.2315



48.6353, -11.6985, 9.6208



32.2005, -3.3208, 1.5258



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.



48.9457, -9.5089, 1.7779



64.9775, -14.6733, 2.1493



46.5772, -5.1636, -2.4842



23.8277, -3.1540, 1.0386



42.3206, -25.7911, 2.7785



3.4703, -1.9761, -0.0718

Inverse Universe

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



43.9458, 5.2392, 3.6229



56.7625, 9.5939, 5.1968



46.1247, 0.7935, 7.1961



22.4912, 0.7808, 1.5285



22.3506, 38.4614, 13.0053



1.8539, 3.2535, 0.5880

Previews

White Background



This preview shows how the HunterLab color 48.9447, -9.5080, 1.7772 looks on a white background.

Color Contrast Check

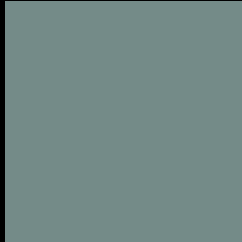
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9447, -9.5080, 1.7772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

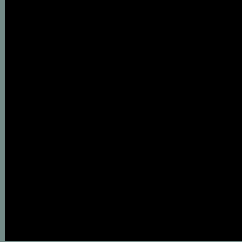
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

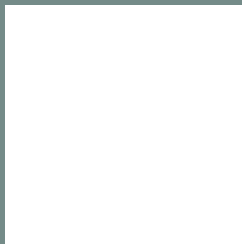
Any Text WCAG AAA × Fail

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

HunterLab 48.9447, -9.5080, 1.7772 Background



This preview shows how black text looks on a background with the HunterLab color 48.9447, -9.5080, 1.7772.



This preview shows how white text looks on a background with the HunterLab color 48.9447, -9.5080,

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

48.9447, -9.5080, 1.7772

Protanopia

48.7718, -1.4009, 3.0525

Deuteranopia

48.8057, 3.2704, 0.9211



Tritanopia

48.8682, -6.0290, -3.9852

Trichromacy



Original Color

48.9447, -9.5080, 1.7772

Protanomaly

48.6994, -4.5119, 2.4702

Deuteranomaly

48.6308, -1.6569, 1.0827

Tritanomaly

48.9617, -7.4511, -1.9120

Monochromacy



Original Color

48.9447, -9.5080, 1.7772

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.4324, -5.5109, 2.5825

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9447, -9.5080, 1.7772 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(116, 139, 136)` looks like.

```
.text, #text, p{  
    color:rgb(116, 139, 136)  
}
```

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(116, 139, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 139, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9447, -9.5080, 1.7772 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(116, 139, 136) }
```


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

```
.border{ border-color:rgb(116, 139, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 139, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 139, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 139, 136);  
box-shadow:4px 4px 4px 4px rgb(116, 139,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9447, -9.5080, 1.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 139, 136) }
```

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

```
.background{ background-color: rgb(116,  
139, 136) }
```

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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