

Converting Colors

HunterLab(48.8613, -12.1023,
7.5541)

Have a look what the booklet for
HunterLab(48.8613, -12.1023,
7.5541) contains.

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Color

**HunterLab(48.8613,
-12.1023, 7.5541)**

Conversions

Conversions Part 1

Format	Color
Hex	748C7A
RGB	116, 140, 122
RGB Percent	45%, 55%, 48%
CMY	0.5451, 0.4510, 0.5216
CMYK	0.17, 0.00, 0.13, 0.45
HSL	135°, 9%, 50%
HSV	135°, 17%, 55%
XYZ	20.0933, 23.8743, 21.9615
YIQ	130.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

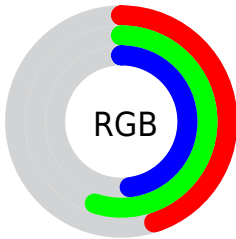
Format	Color
R_{YB}	116, 135, 140
Decimal	7638138
CIE Lab	55.96, -12.32, 6.78
CIE LCh	56, 14.067, 151.175
Yxy	23.8753, 0.3048, 0.3621
Android (android.graphics.Color)	4285828218 (0xFF748C7A)
YUV	130.7720, -4.3246, -12.9550
Hunter-Lab	48.8613, -12.1023, 7.5541

Details

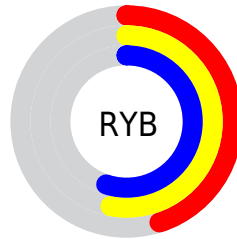
The HunterLab color $48.8613, -12.1023, 7.5541$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44.4837, 7.8830, -2.5141$, and the grayscale version is $47.5708, -2.5383, 2.5846$.

A 20% lighter version of the original color is $70.6855, -14.9104, 9.7064$, and $29.9778, -9.7471, 5.8348$ is the 20% darker color. If you saturate the color by 10%, you get $47.6871, -16.9930, 10.2088$, and if you desaturate by 10%, it is $50.1823, -6.7762, 4.7987$.

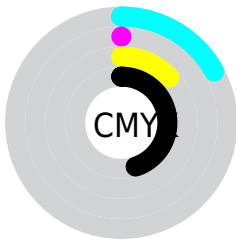
Distribution



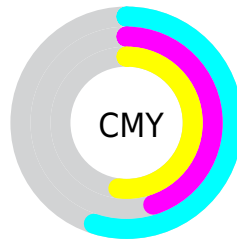
- Red (45%)
- Green (55%)
- Blue (48%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8613, -12.1023, 7.5541 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 48.8613, -12.1023, 7.5541 by changing the saturation by 10% instead.

■ 48.8613, -12.1023,
7.5541

■ 48.8613, -12.1023,
7.5541

164.9816,
-23.3751, 16.5535

■ 39.0399, -10.8373,
6.6266

■ 70.5880, -14.5963,
9.4432

■ 29.9813, -9.5441,
5.7031

■ 82.4091, -15.8363,
10.4084

■ 21.7575, -8.2049,
4.7756

■ 94.8250, -17.0774,
11.3896

■ 14.4637, -6.7861,
3.8278

107.8086,
-18.3223, 12.3874

■ 8.1247, -7.0435,
3.9023

121.3360,
-19.5732, 13.4025

0.0000, NaN, NaN

135.3862,

0.0000, NaN, NaN

-20.8315, 14.4351

0.0000, NaN, NaN

149.9404,
-22.0985, 15.4854

0.0000, NaN, NaN

■ 48.8613, -12.1023,
7.5541

■ 48.8613, -12.1023,
7.5541

■ 47.6871, -16.9930,
10.2088

■ 50.1823, -6.7762,
4.7987

■ 46.6598, -21.3943,
12.7324

■ 51.6427, -1.0657,
1.9678

■ 45.7817, -25.2623,
15.0964

■ 53.2380, 4.9744,
-0.9135

■ 45.0521, -28.5626,
17.2731

■ 54.9621, 11.2931,
-3.8238

■ 44.4677, -31.2747,
19.2376

■ 56.8085, 17.8430,
-6.7450

■ 44.0226, -33.3962,
20.9695

■ 58.7705, 24.5819,
-9.6622

■ 43.7072, -34.9460,
22.4536

■ 60.8413, 31.4732,
-12.5639

■ 43.5003, -36.0008,
23.6754

■ 63.0143, 38.4854,
-15.4412

■ 43.4493, -36.2608,
23.9687

■ 65.2832, 45.5920,
-18.2876

Harmonies

Analogous

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



48.8623, -8.3121, 10.9774



48.8613, -12.1023, 7.5541



48.8623, -13.3821, 2.4391

Triad

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



48.8623, -12.1033, 7.5547



48.8623, -2.3782, -9.3285



48.8623, 7.4190, 7.8939

Complementary

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



48.8613, -12.1023, 7.5541



44.4837, 7.8830, -2.5141

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.



48.8623, 9.1850, 2.8793



48.8613, -12.1023, 7.5541



48.8623, 3.3666, -7.4388

Square

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



48.8623, -12.1033, 7.5547



48.8623, -7.9294, -7.7042



48.8623, 7.6688, -2.8008



48.8623, 2.9476, 11.1564

Rectangle

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



48.8613, -12.1023, 7.5541



48.8623, -12.6881, -1.3766



48.8623, 7.6688, -2.8008



48.8623, 8.3579, 6.3786

Sweetspot

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



48.8623, -12.1033, 7.5547



67.0109, -7.4904, 5.6122



50.1194, -7.8360, 11.1995



32.1109, -3.8169, 2.8052



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.



48.8623, -12.1033, 7.5547



64.1833, -18.9364, 11.5645



49.1734, -10.3443, 3.0999



23.7222, -3.7416, 2.5456



40.9590, -34.1580, 22.5422



3.3691, -2.5929, 1.3863

Inverse Universe

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



44.4837, 7.8830, -2.5141



56.9603, 14.0673, -5.0433



44.1382, 6.0629, 2.3954



22.6008, 1.3704, -0.0332



24.2148, 45.2245, -13.4684



2.0321, 3.8925, -1.8846

Previews

White Background



This preview shows how the HunterLab color 48.8613, -12.1023, 7.5541 looks on a white background.

Color Contrast Check

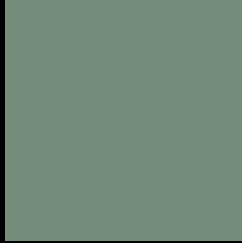
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8613, -12.1023, 7.5541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

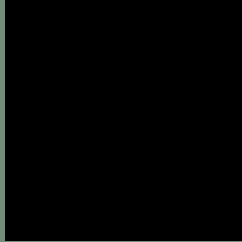
Any Text WCAG AA ✓ Pass

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 48.8613, -12.1023, 7.5541 Background



This preview shows how black text looks on a background with the HunterLab color 48.8613, -12.1023, 7.5541.



This preview shows how white text looks on a background with the HunterLab color 48.8613,

-12.1023, 7.5541.

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

48.8613, -12.1023, 7.5541

Protanopia

48.6646, -2.5145, 8.6795

Deuteranopia

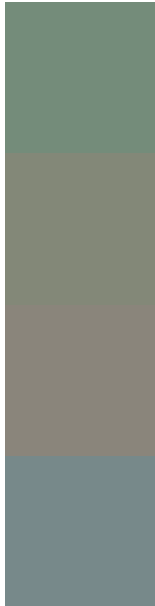
48.6208, 3.2666, 6.7639



Tritanopia

48.6908, -5.2305, -3.7011

Trichromacy



Original Color

48.8613, -12.1023, 7.5541

Protanomaly

48.7747, -6.4733, 8.3412

Deuteranomaly

48.5885, -2.5774, 7.0288

Tritanomaly

48.6295, -7.5016, 0.5181

Monochromacy



Original Color

48.8613, -12.1023, 7.5541

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.0045, -5.8264, 4.2550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8613, -12.1023, 7.5541 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, 140, 122)` looks like.

```
.text, #text, p{  
    color:rgb(116, 140, 122)  
}
```

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, 140, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 140, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8613, -12.1023, 7.5541 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, 140, 122) }
```


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

```
.border{ border-color:rgb(116, 140, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 140, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 140, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 140, 122);  
box-shadow:4px 4px 4px 4px rgb(116, 140,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8613, -12.1023, 7.5541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 140, 122) }
```

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

```
.background{ background-color: rgb(116,  
140, 122) }
```

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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