

Converting Colors

HunterLab(48.9003, -13.1938,
13.2631)

Have a look what the booklet for
HunterLab(48.9003, -13.1938,
13.2631) contains.

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Color

**HunterLab(48.7748,
-13.1677, 13.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	788C6A
RGB	120, 140, 106
RGB Percent	47%, 55%, 42%
CMY	0.5294, 0.4510, 0.5843
CMYK	0.14, 0.00, 0.24, 0.45
HSL	95°, 14%, 48%
HSV	95°, 24%, 55%
XYZ	19.7253, 23.7898, 17.1879
YIQ	130.1440, -1.0060, -14.8140

Conversions

Conversions Part 2

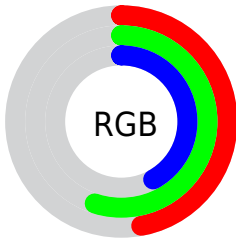
Format	Color
R _{YB}	106, 140, 126
Decimal	7900266
CIE _{Lab}	55.88, -13.79, 15.84
CIE _{LCh}	56, 20.997, 131.044
Yxy	23.7908, 0.3249, 0.3919
Android (android.graphics.Color)	4286090346 (0xFF788C6A)
YUV	130.1440, -11.9030, -8.8963
Hunter-Lab	48.7748, -13.1677, 13.2490

Details

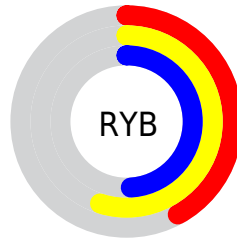
The HunterLab color $48.7748, -13.1677, 13.2490$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40.7894, 9.5454, -10.7647$, and the grayscale version is $47.3502, -2.5265, 2.5726$.

A 20% lighter version of the original color is $70.6414, -15.9507, 16.4772$, and $29.9461, -10.4178, 10.0781$ is the 20% darker color. If you saturate the color by 10%, you get $47.9157, -16.9369, 16.6999$, and if you desaturate by 10%, it is $49.7200, -9.0813, 9.2882$.

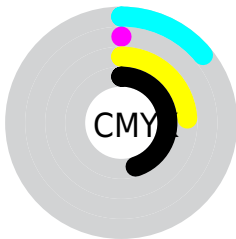
Distribution



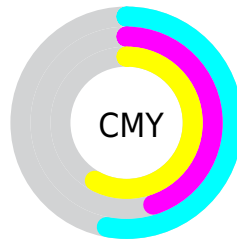
- Red (47%)
- Green (55%)
- Blue (42%)



- Red (42%)
- Yellow (55%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7748, -13.1677, 13.2490 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 48.7748, -13.1677, 13.2490 by changing the saturation by 10% instead.

■ 48.7748, -13.1677,
13.2490

■ 48.7748, -13.1677,
13.2490

164.8519,
-25.0593, 26.0806

■ 38.9596, -11.8108,
11.7407

■ 70.4902, -15.8260,
16.1660

■ 29.9078, -10.4165,
10.1748

■ 82.3061, -17.1405,
17.5949

■ 21.6914, -8.9638,
8.5216

■ 94.7172, -18.4521,
19.0134

■ 14.4060, -7.4134,
6.7640

■ 107.6960,
-19.7642, 20.4263

■ 8.0666, -7.8787,
5.6466

121.2189,
-21.0793, 21.8370

0.0000, NaN, NaN

135.2647,

0.0000, NaN, NaN

-22.3992, 23.2483

0.0000, NaN, NaN

149.8147,
-23.7255, 24.6622

0.0000, NaN, NaN

■ 48.7748, -13.1677,
13.2490

■ 48.7748, -13.1677,
13.2490

■ 47.9157, -16.9369,
16.6999

■ 49.7200, -9.0813,
9.2882

■ 47.1403, -20.3654,
19.6256

■ 50.7467, -4.6969,
4.8356

■ 46.4498, -23.4380,
22.0205

■ 51.8542, -0.0398,
-0.0839

■ 45.8436, -26.1432,
23.8882

■ 53.0403, 4.8652,
-5.4429

■ 45.3200, -28.4759,
25.2440

■ 54.3026, 9.9937,
-11.2124

■ 44.8764, -30.4389,
26.1170

■ 55.6383, 15.3218,
-17.3621

■ 44.5085, -32.0467,
26.5589

■ 57.0447, 20.8269,
-23.8623

■ 44.3238, -32.8538,
26.7369

■ 58.5188, 26.4880,
-30.6836

■ 60.0579, 32.2855,
-37.7982

Harmonies

Analogous

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



48.7759, -5.7865, 15.8965



48.7748, -13.1677, 13.2490



48.7759, -17.5198, 7.5734

Triad

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



48.7759, -13.1688, 13.2496



48.7759, -7.9514, -15.0376



48.7759, 15.0313, 5.6225

Complementary

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



48.7748, -13.1677, 13.2490



40.7894, 9.5454, -10.7647

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.



48.7759, 14.3494, -2.8358



48.7748, -13.1677, 13.2490



48.7759, 0.6598, -15.8112

Square

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



48.7759, -13.1688, 13.2496



48.7759, -14.6574, -9.0673



48.7759, 8.9418, -11.0247



48.7759, 10.7443, 12.0388

Rectangle

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



48.7748, -13.1677, 13.2490



48.7759, -18.3135, 2.3626



48.7759, 8.9418, -11.0247



48.7759, 15.3830, 2.9456

Sweetspot

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



48.7759, -13.1688, 13.2496



66.9787, -7.9402, 8.1767



46.3639, -0.8369, 11.1169



32.1191, -3.9494, 4.0662



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.



48.7759, -13.1688, 13.2496



64.1408, -20.2037, 20.1175



47.8768, -16.3990, 11.3552



23.8793, -3.2609, 3.3541



41.7930, -30.9130, 25.2115



3.5251, -2.0349, 2.1365

Inverse Universe

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



40.7894, 9.5454, -10.7647



51.3172, 16.3554, -18.6313



42.0655, 13.3640, -7.2933



22.4233, 0.8645, -0.9903



18.1725, 40.3787, -60.0222



1.7475, 3.6322, -3.8286

Previews

White Background



This preview shows how the HunterLab color 48.7748, -13.1677, 13.2490 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 48.7748, -13.1677, 13.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

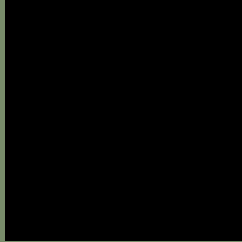
Any Text WCAG AA ✓ Pass

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 48.7748, -13.1677, 13.2490 Background



This preview shows how black text looks on a background with the HunterLab color 48.7748, -13.1677, 13.2490.



This preview shows how white text looks on a background with the HunterLab color 48.7748,

-13.1677, 13.2490.

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

48.7748, -13.1677, 13.2490

Protanopia

48.5736, -3.5570, 14.2056

Deuteranopia

48.4661, 3.3680, 12.5677



Tritanopia

48.7933, -3.5196, -2.5462

Trichromacy



Original Color

48.7748, -13.1677, 13.2490

Protanomaly

48.7429, -7.3180, 13.9764

Deuteranomaly

48.2855, -2.9473, 12.6216

Tritanomaly

48.8007, -7.2919, 3.8550

Monochromacy



Original Color

48.7748, -13.1677, 13.2490

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.8187, -6.8590, 6.9170

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7748, -13.1677, 13.2490 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(120, 140, 106)` looks like.

```
.text, #text, p{  
    color:rgb(120, 140, 106)  
}
```

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(120, 140, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 140, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7748, -13.1677, 13.2490 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(120, 140, 106) }
```


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

```
.border{ border-color:rgb(120, 140, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 140, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 140, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 140, 106);  
box-shadow:4px 4px 4px 4px rgb(120, 140,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7748, -13.1677, 13.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 140, 106) }
```

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

```
.background{ background-color: rgb(120,  
140, 106) }
```

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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