

Converting Colors

HunterLab(47.9269, 2.1761,
6.7118)

Have a look what the booklet for
HunterLab(47.9269, 2.1761, 6.7118)
contains.

HunterLab(47.9108, 2.1672, 6.7749)	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(47.9108, 2.1672,
6.7749)**

Conversions

Conversions Part 1

Format	Color
Hex	92807A
RGB	146, 128, 122
RGB Percent	57%, 50%, 48%
CMY	0.4274, 0.4980, 0.5216
CMYK	0.00, 0.12, 0.16, 0.43
HSL	15°, 10%, 53%
HSV	15°, 16%, 57%
XYZ	23.0861, 22.9544, 21.6263
YIQ	132.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

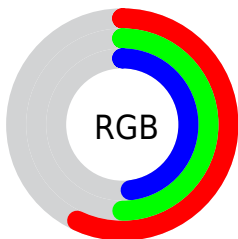
Format	Color
R_{YB}	146, 130, 122
Decimal	9601146
CIE Lab	55.03, 5.82, 5.77
CIE LCh	55, 8.194, 44.740
Yxy	22.9555, 0.3412, 0.3392
Android (android.graphics.Color)	4287791226 (0xFF92807A)
YUV	132.6980, -5.2741, 11.6659
Hunter-Lab	47.9108, 2.1672, 6.7749

Details

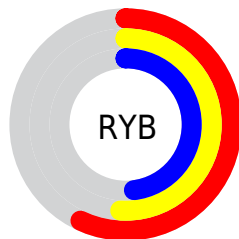
The HunterLab color $47.9108, 2.1672, 6.7749$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $49.9685, -6.7396, -1.5949$, and the grayscale version is $48.3286, -2.5787, 2.6258$.

A 20% lighter version of the original color is $69.5580, 1.4085, 8.7528$, and $29.1649, 2.3183, 5.1976$ is the 20% darker color. If you saturate the color by 10%, you get $44.6279, 5.4832, 8.9683$, and if you desaturate by 10%, it is $51.3391, -0.9516, 4.4590$.

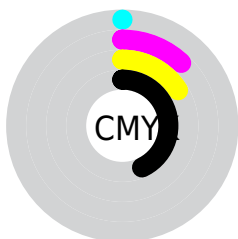
Distribution



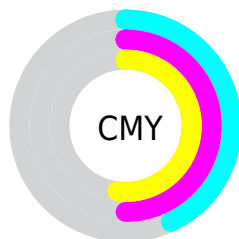
- Red (57%)
- Green (50%)
- Blue (48%)



- Red (57%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (43%)



- Cyan (43%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9108, 2.1672, 6.7749 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 47.9108, 2.1672, 6.7749 by changing the saturation by 10% instead.

■ 47.9108, 2.1672,
6.7749

■ 47.9108, 2.1672,
6.7749

163.5531, -1.6963,
15.3472

■ 38.1584, 2.3550,
5.9100

■ 69.5127, 1.6138,
8.5516

■ 29.1747, 2.4762,
5.0547

■ 81.2766, 1.2623,
9.4656

■ 21.0334, 2.5173,
4.2029

■ 93.6381, 0.8658,
10.3980

■ 13.8328, 2.4606,
3.3412

106.5696, 0.4275,
11.3494

■ 7.4596, 3.0014,
3.6110

120.0470, -0.0499,
12.3200

0.0000, NaN, NaN

134.0491, -0.5643,

0.0000, NaN, NaN

13.3099

0.0000, NaN, NaN

148.5568, -1.1137,
14.3190

0.0000, NaN, NaN

■ 47.9108, 2.1672,
6.7749

■ 47.9108, 2.1672,
6.7749

■ 44.6279, 5.4832,
8.9683

■ 51.3391, -0.9516,
4.4590

■ 41.5065, 9.0140,
11.0070

■ 54.8934, -3.8863,
2.0413

■ 38.5707, 12.7623,
12.8528

■ 58.5609, -6.6574,
-0.4604

■ 35.8469, 16.7155,
14.4568

■ 62.3302, -9.2831,
-3.0329

■ 33.3652, 20.8337,
15.7605

■ 66.1916, -11.7808,
-5.6664

■ 31.1581, 25.0377,
16.7000

■ 70.1368, -14.1659,
-8.3533

■ 29.2583, 29.1974,
17.2176

■ 74.1589, -16.4524,
-11.0877

■ 27.6916, 33.1172,
17.3235

■ 78.2518, -18.6524,
-13.8650

■ 27.2108, 34.3846,
17.3691

■ 82.4104, -20.7765,
-16.6815

Harmonies

Analogous

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



47.9119, 3.9178, 4.1609



47.9108, 2.1672, 6.7749



47.9119, -0.8290, 8.2195

Triad

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



47.9119, 2.1657, 6.7756



47.9119, -8.6945, 4.2135



47.9119, -0.8871, -3.7934

Complementary

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



47.9108, 2.1672, 6.7749



49.9685, -6.7396, -1.5949

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.



47.9119, -4.2648, -3.7769



47.9108, 2.1672, 6.7749



47.9119, -8.7091, 1.0012

Square

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



47.9119, 2.1657, 6.7756



47.9119, -7.0672, 6.8118



47.9119, -7.1075, -1.9714



47.9119, 2.1222, -2.0151

Rectangle

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



47.9108, 2.1672, 6.7749



47.9119, -3.0971, 8.3921



47.9119, -7.1075, -1.9714



47.9119, -2.0185, -4.0013

Sweetspot

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



47.9119, 2.1657, 6.7756



68.8101, -1.7984, 5.5004



46.8229, 7.8285, -2.4283



32.3177, -0.7308, 2.6874



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.



47.9119, 2.1657, 6.7756



61.8820, 4.5914, 10.1763



51.2567, -3.5248, 10.2240



24.5706, -0.0515, 2.4939



25.5874, 32.0734, 16.3283



3.4814, 1.8737, 2.1780

Inverse Universe

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



49.9685, -6.7396, -1.5949



65.2544, -10.0287, -3.5548



46.5312, -1.1248, -5.9983



25.1378, -2.5040, 0.1864



34.0271, -10.0174, -20.9063



4.3405, -1.8834, -1.3594

Previews

White Background



This preview shows how the HunterLab color 47.9108, 2.1672, 6.7749 looks on a white background.

Color Contrast Check

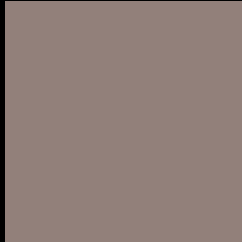
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9108, 2.1672, 6.7749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

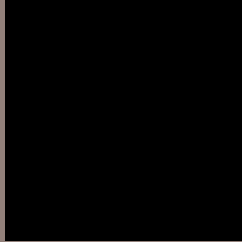
Any Text WCAG AA ✓ Pass

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 47.9108, 2.1672, 6.7749 Background



This preview shows how black text looks on a background with the HunterLab color 47.9108, 2.1672, 6.7749.



This preview shows how white text looks on a background with the HunterLab color 47.9108, 2.1672,

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

47.9108, 2.1672, 6.7749

Protanopia

47.8770, -2.1061, 5.8503

Deuteranopia

47.8328, 3.2981, 6.7095



Tritanopia

47.9533, 5.8562, 0.8519

Trichromacy



Original Color

47.9108, 2.1672, 6.7749

Protanomaly

47.9278, -0.5488, 6.3420

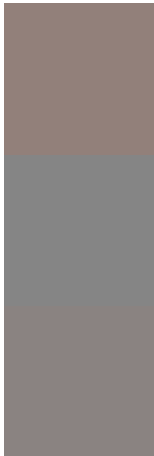
Deuteranomaly

47.7357, 2.9717, 6.5975

Tritanomaly

47.9797, 4.2770, 3.1052

Monochromacy



Original Color

47.9108, 2.1672, 6.7749

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.1880, -0.7614, 4.1261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9108, 2.1672, 6.7749 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(146, 128, 122)` looks like.

```
.text, #text, p{  
    color:rgb(146, 128, 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(146, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 128, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9108, 2.1672, 6.7749 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(146, 128, 122) }
```


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

```
.border{ border-color:rgb(146, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(146, 128,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9108, 2.1672, 6.7749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 128, 122) }
```

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

```
.background{ background-color: rgb(146,  
128, 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](#).

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