

Converting Colors

HunterLab(48.5591, -21.3070,
1.6156)

Have a look what the booklet for
HunterLab(48.5591, -21.3070,
1.6156) contains.

HunterLab(48.7068, -21.4706, 1.7348)	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(48.7068,
-21.4706, 1.7348)**

Conversions

Conversions Part 1

Format	Color
Hex	499287
RGB	73, 146, 135
RGB Percent	29%, 57%, 53%
CMY	0.7137, 0.4274, 0.4706
CMYK	0.50, 0.00, 0.08, 0.43
HSL	171°, 33%, 43%
HSV	171°, 50%, 57%
XYZ	17.3997, 23.7235, 26.5837
YIQ	122.9190, -39.9770, -18.8970

Conversions

Conversions Part 2

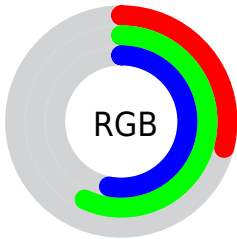
Format	Color
R_{YB}	73, 112, 146
Decimal	4821639
CIE _{Lab}	55.81, -25.62, -1.19
CIE _{LCh}	56, 25.650, 182.660
Yxy	23.7245, 0.2570, 0.3504
Android (android.graphics.Color)	4283011719 (0xFF499287)
YUV	122.9190, 5.9559, -43.7790
Hunter-Lab	48.7068, -21.4706, 1.7348

Details

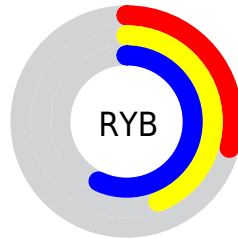
The HunterLab color **48.7068, -21.4706, 1.7348** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.9365, 23.9144, 6.6749**, and the grayscale version is **44.4631, -2.3724, 2.4158**.

A 20% lighter version of the original color is **70.3217, -25.3783, 2.7743**, and **29.8410, -17.1863, 1.0112** is the 20% darker color. If you saturate the color by 10%, you get **48.1230, -23.8746, 1.9843**, and if you desaturate by 10%, it is **49.4226, -18.6032, 1.6451**.

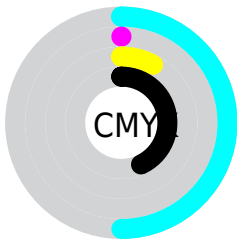
Distribution



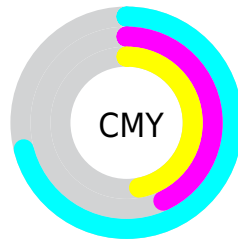
- Red (29%)
- Green (57%)
- Blue (53%)



- Red (29%)
- Yellow (44%)
- Blue (57%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (71%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7068, -21.4706, 1.7348 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 48.7068, -21.4706, 1.7348 by changing the saturation by 10% instead.

■ 48.7068, -21.4706,
1.7348

■ 48.7068, -21.4706,
1.7348

164.7496,
-38.4862, 7.6003

■ 38.8965, -19.3442,
1.2662

■ 70.4132, -25.4946,
2.7994

■ 29.8500, -17.1019,
0.8440

■ 82.2250, -27.4276,
3.3883

■ 21.6395, -14.6937,
0.4742

■ 94.6322, -29.3238,
4.0122

■ 14.3607, -12.0321,
0.1647

■ 107.6074,
-31.1915, 4.6692

■ 8.0206, -14.0360,
-0.1787

■ 121.1267,
-33.0372, 5.3578

0.0000, NaN, NaN

0.0000, NaN, NaN

135.1690,

-34.8656, 6.0767

0.0000, NaN, NaN

149.7157,
-36.6808, 6.8245

0.0000, NaN, NaN

■ 48.7068, -21.4706,
1.7348

■ 48.7068, -21.4706,
1.7348

■ 48.1230, -23.8746,
1.9843

■ 49.4226, -18.6032,
1.6451

■ 47.6629, -25.8142,
2.3831

■ 50.2704, -15.2830,
1.7182

■ 47.3200, -27.3045,
2.9189

■ 51.2523, -11.5321,
1.9558

■ 47.0833, -28.3768,
3.5744

■ 52.3677, -7.3797,
2.3557

■ 46.9189, -29.1603,
4.3042

■ 53.6147, -2.8602,
2.9130

■ 46.9189, -29.1603,
4.3043

■ 54.9901, 1.9891,
3.6208

■ 56.4901, 7.1302,
4.4703

■ 58.1098, 12.5253,
5.4519

■ 59.8442, 18.1389,
6.5554

Harmonies

Analogous

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



48.7078, -19.5400, 10.7996



48.7068, -21.4706, 1.7348



48.7078, -18.7182, -9.1180

Triad

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



48.7078, -21.4710, 1.7354



48.7078, 8.9881, -16.8374



48.7078, 7.1969, 17.0122

Complementary

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



48.7068, -21.4706, 1.7348



33.9365, 23.9144, 6.6749

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.



48.7078, 15.9283, 12.0624



48.7068, -21.4706, 1.7348



48.7078, 17.0235, -7.2048

Square

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



48.7078, -21.4710, 1.7354



48.7078, -1.6443, -21.1885



48.7078, 19.6653, 3.5497



48.7078, -3.5514, 18.4115

Rectangle

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



48.7068, -21.4706, 1.7348



48.7078, -14.4461, -15.5856



48.7078, 19.6653, 3.5497



48.7078, 10.4956, 15.7700

Sweetspot

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



48.7078, -21.4710, 1.7354



68.7456, -12.7908, 2.8205



47.9363, -27.1257, 21.2664



32.2954, -6.5145, 1.2857



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.



48.7078, -21.4710, 1.7354



63.8327, -32.0553, 2.6896



41.6293, -9.1537, -13.2409



25.5878, -3.4325, 1.1676



44.0160, -27.3367, 3.9959



4.9031, -2.8222, -0.0362

Inverse Universe

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



33.9365, 23.9144, 6.6749



40.8170, 39.7203, 10.9575



38.9922, 11.2487, 14.6384



24.1429, 0.8858, 1.5914



23.3044, 40.1379, 13.2883



2.6304, 4.6327, 0.7070

Previews

White Background



This preview shows how the HunterLab color 48.7068, -21.4706, 1.7348 looks on a white background.

Color Contrast Check

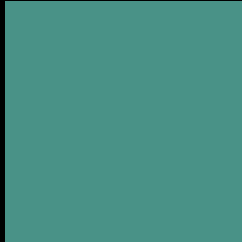
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7068, -21.4706, 1.7348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

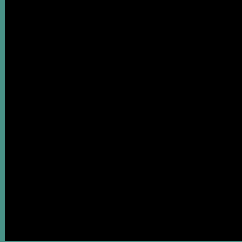
Any Text WCAG AA ✓ Pass

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 48.7068, -21.4706, 1.7348 Background



This preview shows how black text looks on a background with the HunterLab color 48.7068, -21.4706, 1.7348.



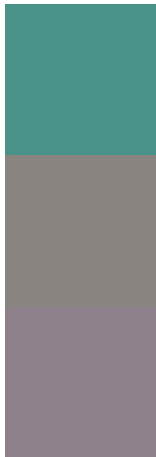
This preview shows how white text looks on a background with the HunterLab color 48.7068,

-21.4706, 1.7348.

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

48.7068, -21.4706, 1.7348

Protanopia

48.3251, -1.8348, 5.1111

Deuteranopia

48.3779, 3.2942, -0.0677



Tritanopia

48.6557, -15.5779, -8.0794

Trichromacy



Original Color

48.7068, -21.4706, 1.7348

Protanomaly

48.0421, -10.0821, 3.3632

Deuteranomaly

47.9734, -6.8485, -0.2757

Tritanomaly

48.6440, -17.6846, -4.4840

Monochromacy



Original Color

48.7068, -21.4706, 1.7348

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.5721, -10.1376, 1.7812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7068, -21.4706, 1.7348 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(73, 146, 135)` looks like.

```
.text, #text, p{  
    color:rgb(73, 146, 135)  
}
```

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(73, 146, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 146, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7068, -21.4706, 1.7348 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(73, 146, 135) }
```


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

```
.border{ border-color:rgb(73, 146, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 146, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 146, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 146, 135);  
box-shadow:4px 4px 4px 4px rgb(73, 146,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7068, -21.4706, 1.7348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 146, 135) }
```

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

```
.background{ background-color: rgb(73, 146,  
135) }
```

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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