

Converting Colors

HunterLab(49.1311, -17.0122,
0.8169)

Have a look what the booklet for
HunterLab(49.1311, -17.0122,
0.8169) contains.

HunterLab(48.9956, -16.9767, 0.7968)	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(48.9956,
-16.9767, 0.7968)**

Conversions

Conversions Part 1

Format	Color
Hex	5B908A
RGB	91, 144, 138
RGB Percent	36%, 56%, 54%
CMY	0.6431, 0.4353, 0.4588
CMYK	0.37, 0.00, 0.04, 0.44
HSL	173°, 23%, 46%
HSV	173°, 37%, 56%
XYZ	18.8751, 24.0057, 27.6836
YIQ	127.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

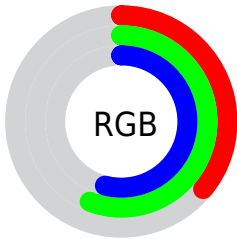
Format	Color
R_{YB}	91, 119, 144
Decimal	6000778
CIE _{Lab}	56.09, -19.04, -2.40
CIE _{LCh}	56, 19.188, 187.192
Yxy	24.0066, 0.2675, 0.3402
Android (android.graphics.Color)	4284190858 (0xFF5B908A)
YUV	127.4690, 5.1918, -31.9833
Hunter-Lab	48.9956, -16.9767, 0.7968

Details

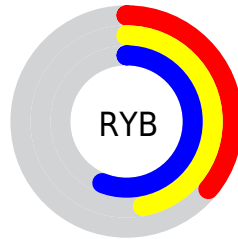
The HunterLab color $48.9956, -16.9767, 0.7968$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $37.7826, 16.0907, 5.8147$, and the grayscale version is $46.2420, -2.4674, 2.5124$.

A 20% lighter version of the original color is $70.7032, -20.4078, 1.8761$, and $29.9740, -13.4429, -0.0279$ is the 20% darker color. If you saturate the color by 10%, you get $48.2667, -19.8498, 0.6121$, and if you desaturate by 10%, it is $49.8575, -13.6655, 1.1467$.

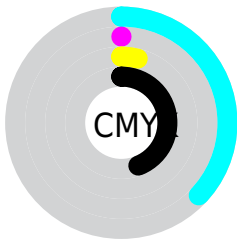
Distribution



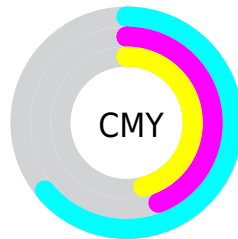
- Red (36%)
- Green (56%)
- Blue (54%)



- Red (36%)
- Yellow (47%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9956, -16.9767, 0.7968 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 48.9956, -16.9767, 0.7968 by changing the saturation by 10% instead.

■ 48.9956, -16.9767,
0.7968

■ 48.9956, -16.9767,
0.7968

165.1830,
-31.1114, 6.2179

■ 39.1645, -15.2853,
0.3914

■ 70.7397, -20.2300,
1.7464

■ 30.0954, -13.5239,
0.0372

■ 82.5688, -21.8148,
2.2822

■ 21.8600, -11.6591,
-0.2583

■ 94.9925, -23.3823,
2.8555

■ 14.5532, -9.6320,
-0.4853

■ 107.9834,
-24.9380, 3.4640

■ 8.2140, -10.5376,
-0.7652

121.5178,
-26.4858, 4.1059

0.0000, NaN, NaN

0.0000, NaN, NaN

135.5747,

-28.0290, 4.7798

0.0000, NaN, NaN

150.1354,
-29.5702, 5.4842

0.0000, NaN, NaN

■ 48.9956, -16.9767,
0.7968

■ 48.9956, -16.9767,
0.7968

■ 48.2667, -19.8498,
0.6121

■ 49.8575, -13.6655,
1.1467

■ 47.6655, -22.2693,
0.5889

■ 50.8500, -9.9373,
1.6582

■ 47.1884, -24.2333,
0.7221

■ 51.9734, -5.8222,
2.3273

■ 46.8285, -25.7525,
1.0019

■ 53.2253, -1.3543,
3.1471

■ 46.5762, -26.8529,
1.4140

■ 54.6026, 3.4299,
4.1088

■ 46.4126, -27.6024,
1.9318

■ 56.1011, 8.4934,
5.2026

■ 46.3658, -27.8202,
2.1025

■ 57.7161, 13.8000,
6.4178

■ 59.4427, 19.3154,
7.7439

■ 61.2755, 25.0082,
9.1702

Harmonies

Analogous

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



48.9966, -16.0186, 8.0122



48.9956, -16.9767, 0.7968



48.9966, -14.2899, -7.0394

Triad

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



48.9966, -16.9773, 0.7975



48.9966, 7.0428, -10.4954



48.9966, 3.4961, 14.3394

Complementary

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



48.9956, -16.9767, 0.7968



37.7826, 16.0907, 5.8147

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.



48.9966, 10.2627, 10.7210



48.9956, -16.9767, 0.7968



48.9966, 12.4005, -3.3577

Square

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



48.9966, -16.9773, 0.7975



48.9966, -0.6742, -14.2049



48.9966, 13.6151, 4.4657



48.9966, -4.5299, 15.0876

Rectangle

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



48.9956, -16.9767, 0.7968



48.9966, -10.6841, -11.3108



48.9966, 13.6151, 4.4657



48.9966, 6.0084, 13.4502

Sweetspot

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



48.9966, -16.9773, 0.7975



68.3421, -10.2085, 2.6727



48.2228, -22.1601, 17.1570



32.6421, -5.2012, 1.2291



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.



48.9966, -16.9773, 0.7975



64.2714, -25.6814, 0.8431



43.0983, -7.0129, -9.8657



24.7102, -3.2645, 1.0301



43.2691, -25.9456, 1.9264



4.2536, -2.3998, -0.1362

Inverse Universe

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



37.7826, 16.0907, 5.8147



46.4884, 27.1966, 9.0014



42.5718, 5.6254, 12.5459



23.3097, 0.8065, 1.6304



22.8007, 39.2020, 13.5310



2.2641, 3.9613, 0.8131

Previews

White Background



This preview shows how the HunterLab color 48.9956, -16.9767, 0.7968 looks on a white background.

Color Contrast Check

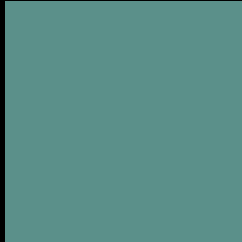
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9956, -16.9767, 0.7968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

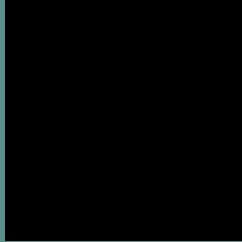
Any Text WCAG AA ✓ Pass

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 48.9956, -16.9767, 0.7968 Background



This preview shows how black text looks on a background with the HunterLab color 48.9956, -16.9767, 0.7968.



This preview shows how white text looks on a background with the HunterLab color 48.9956,

-16.9767, 0.7968.

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

48.9956, -16.9767, 0.7968

Protanopia

48.7436, -1.5548, 3.4553

Deuteranopia

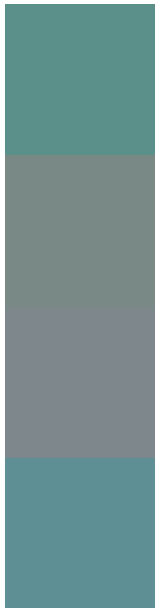
48.8033, 3.4429, -0.4814



Tritanopia

49.0702, -12.6030, -6.3975

Trichromacy



Original Color

48.9956, -16.9767, 0.7968

Protanomaly

48.5856, -7.8927, 2.2766

Deuteranomaly

48.5607, -4.6460, -0.4513

Tritanomaly

49.1556, -14.1807, -3.7520

Monochromacy



Original Color

48.9956, -16.9767, 0.7968

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.8947, -8.1315, 1.6055

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9956, -16.9767, 0.7968 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(91, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(91, 144, 138)  
}
```

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(91, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 144, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9956, -16.9767, 0.7968 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(91, 144, 138) }
```


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

```
.border{ border-color:rgb(91, 144, 138) }
```

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

Here you see how a box with a 4 pixel rgb(91, 144, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 144, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 144, 138);  
box-shadow:4px 4px 4px 4px rgb(91, 144,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9956, -16.9767, 0.7968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 144, 138) }
```

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

```
.background{ background-color: rgb(91, 144,  
138) }
```

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