

Converting Colors

HunterLab(48.9105, 0.2150,
-16.4099)

Have a look what the booklet for
HunterLab(48.9105, 0.2150,
-16.4099) contains.

HunterLab(48.9003, 0.1460, -16.5793)	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(48.9003, 0.1460,
-16.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	7786AB
RGB	119, 134, 171
RGB Percent	47%, 53%, 67%
CMY	0.5333, 0.4745, 0.3294
CMYK	0.30, 0.22, 0.00, 0.33
HSL	223°, 24%, 57%
HSV	223°, 30%, 67%
XYZ	23.4835, 23.9124, 41.9059
YIQ	133.7330, -20.8170, 8.3270

Conversions

Conversions Part 2

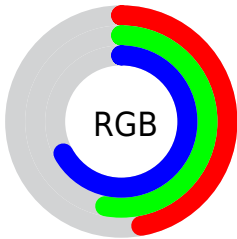
Format	Color
R_{YB}	119, 131, 171
Decimal	7833259
CIE _{Lab}	56.00, 3.40, -21.34
CIE _{LCh}	56, 21.610, 279.054
Yxy	23.9133, 0.2630, 0.2678
Android (android.graphics.Color)	4286023339 (0xFF7786AB)
YUV	133.7330, 18.3726, -12.9208
Hunter-Lab	48.9003, 0.1460, -16.5793

Details

The HunterLab color $48.9003, 0.1460, -16.5793$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $58.1094, -3.3537, 17.9400$, and the grayscale version is $48.6568, -2.5962, 2.6436$.

A 20% lighter version of the original color is $70.5707, -0.7961, -16.9786$, and $30.1565, 0.6909, -15.7192$ is the 20% darker color. If you saturate the color by 10%, you get $44.3149, 2.0362, -24.2059$, and if you desaturate by 10%, it is $53.6594, -1.3402, -9.5302$.

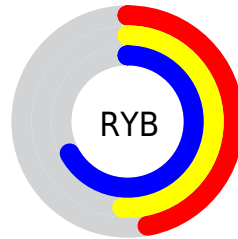
Distribution



Red (47%)

Green (53%)

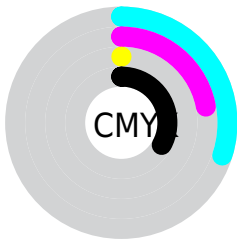
Blue (67%)



Red (47%)

Yellow (51%)

Blue (67%)

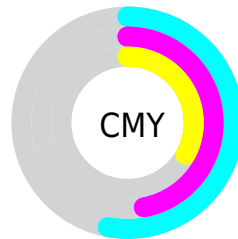


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9003, 0.1460, -16.5793 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 48.9003, 0.1460, -16.5793 by changing the saturation by 10% instead.

■ 48.9003, 0.1460,
-16.5793

■ 48.9003, 0.1460,
-16.5793

165.0400, -4.7040,
-17.3511

■ 39.0760, 0.4761,
-16.1979

■ 70.6320, -0.6631,
-17.1461

■ 30.0144, 0.7500,
-15.7570

■ 82.4554, -1.1327,
-17.3365

■ 21.7872, 0.9587,
-15.2734

■ 94.8736, -1.6417,
-17.4683

■ 14.4896, 1.0895,
-14.8048

107.8593, -2.1877,
-17.5447

■ 8.1507, 1.3827,
-14.9118

121.3888, -2.7686,
-17.5686

0.0000, NaN, -NF

0.0000, NaN, NaN

135.4409, -3.3826,

-17.5426

0.0000, NaN, NaN

149.9969, -4.0282,
-17.4694

0.0000, NaN, NaN

■ 48.9003, 0.1460,
-16.5793

■ 48.9003, 0.1460,
-16.5793

■ 44.3149, 2.0362,
-24.2059

■ 53.6594, -1.3402,
-9.5302

■ 39.9284, 4.4221,
-32.5301

■ 58.5672, -2.4939,
-2.9588

■ 35.7783, 7.4098,
-41.6712

■ 63.6073, -3.3742,
3.2221

■ 31.9117, 11.1145,
-51.7252

■ 68.7658, -4.0275,
9.0834

■ 28.3885, 15.6355,
-62.7011

■ 74.0315, -4.4906,
14.6827

■ 25.2814, 20.9974,
-74.4110

■ 79.3949, -4.7932,
20.0668

■ 22.7258, 26.7020,
-86.0473

■ 84.8484, -4.9589,
25.2736

■ 90.3008, -5.3011,
30.2530

■ 94.1303, -11.5194,
33.5330

Harmonies

Analogous

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



48.9013, -8.6544, -15.3739



48.9003, 0.1460, -16.5793



48.9013, 8.7936, -11.9493

Triad

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



48.9013, 0.1455, -16.5783



48.9013, 11.5872, 11.9515



48.9013, -17.7677, 8.1963

Complementary

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



48.9003, 0.1460, -16.5793



58.1094, -3.3537, 17.9400

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.



48.9013, -13.0592, 13.8117



48.9003, 0.1460, -16.5793



48.9013, 3.7391, 15.6913

Square

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



48.9013, 0.1455, -16.5783



48.9013, 15.7069, 5.1858



48.9013, -5.3094, 16.3043



48.9013, -18.5769, -0.0043

Rectangle

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



48.9003, 0.1460, -16.5793



48.9013, 13.1573, -6.5974



48.9013, -5.3094, 16.3043



48.9013, -16.6057, 10.4033

Sweetspot

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



48.9013, 0.1455, -16.5783



79.2113, -3.5033, -2.9000



59.5217, -19.8297, 5.2639



36.9587, -1.5651, -1.9389



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.9013, 0.1455, -16.5783



61.5906, 1.6998, -28.4429



45.6434, 10.3151, -21.7420



28.4949, -1.2546, -1.0916



19.9339, 22.6030, -73.7091



4.5319, 0.9713, -7.7612

Inverse Universe

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



48.5526, 16.8521, 2.6696



61.2900, 28.2923, 3.8154



61.6391, -13.7211, 20.9532



28.3759, 1.2749, 1.4339



25.8924, 45.0266, 11.4208



4.4281, 7.9108, 0.3215

Previews

White Background



This preview shows how the HunterLab color 48.9003, 0.1460, -16.5793 looks on a white background.

Color Contrast Check

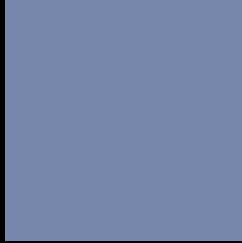
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9003, 0.1460, -16.5793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

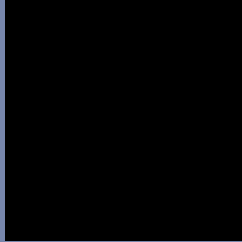
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

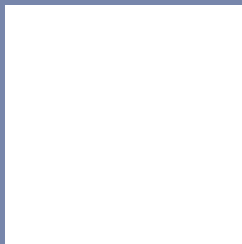
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.9003, 0.1460, -16.5793 Background



This preview shows how black text looks on a background with the HunterLab color 48.9003, 0.1460, -16.5793.



This preview shows how white text looks on a background with the HunterLab color 48.9003, 0.1460, -16.5793.

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

48.9003, 0.1460, -16.5793

Protanopia

49.0279, 1.9467, -15.7456

Deuteranopia

48.9828, 3.3796, -17.0005



Tritanopia

48.9125, -7.3077, -4.4547

Trichromacy



Original Color

48.9003, 0.1460, -16.5793

Protanomaly

48.8756, 1.4306, -15.9916

Deuteranomaly

49.0293, 2.1070, -16.9493

Tritanomaly

49.0292, -4.8544, -8.4473

Monochromacy



Original Color

48.9003, 0.1460, -16.5793

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.8097, -1.8722, -3.4872

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9003, 0.1460, -16.5793 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(119, 134, 171)` looks like.

```
.text, #text, p{  
    color:rgb(119, 134, 171)  
}
```

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(119, 134, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 134, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9003, 0.1460, -16.5793 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(119, 134, 171) }
```


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

```
.border{ border-color:rgb(119, 134, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 134, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 134, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 134, 171);  
box-shadow:4px 4px 4px 4px rgb(119, 134,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9003, 0.1460, -16.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 134, 171) }
```

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

```
.background{ background-color: rgb(119,  
134, 171) }
```

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