

Converting Colors

HunterLab(51.5847, -18.9671,
-7.5925)

Have a look what the booklet for
HunterLab(51.5847, -18.9671,
-7.5925) contains.

HunterLab(51.4985, -18.8109, -7.9503)	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(51.4985,
-18.8109, -7.9503)**

Conversions

Conversions Part 1

Format	Color
Hex	4A98A2
RGB	74, 152, 162
RGB Percent	29%, 60%, 64%
CMY	0.7098, 0.4039, 0.3647
CMYK	0.54, 0.06, 0.00, 0.36
HSL	187°, 37%, 46%
HSV	187°, 54%, 64%
XYZ	20.5739, 26.5210, 38.2172
YIQ	129.8180, -49.6980, -13.4260

Conversions

Conversions Part 2

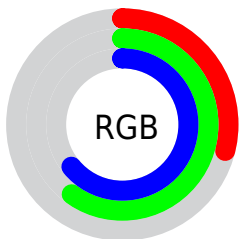
Format	Color
R_{YB}	74, 115, 162
Decimal	4888738
CIE _{Lab}	58.53, -21.03, -12.58
CIE _{LCh}	59, 24.506, 210.890
Yxy	26.5220, 0.2412, 0.3109
Android (android.graphics.Color)	4283078818 (0xFF4A98A2)
YUV	129.8180, 15.8657, -48.9524
Hunter-Lab	51.4985, -18.8109, -7.9503

Details

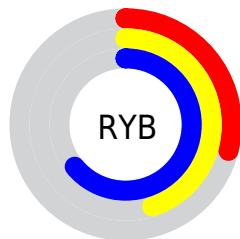
The HunterLab color **51.4985, -18.8109, -7.9503** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **38.1012, 23.7751, 13.8115**, and the grayscale version is **47.1300, -2.5147, 2.5607**.

A 20% lighter version of the original color is **73.4154, -21.9790, -8.1617**, and **32.3004, -15.2548, -7.4419** is the 20% darker color. If you saturate the color by 10%, you get **50.3654, -20.1373, -9.5577**, and if you desaturate by 10%, it is **52.7751, -16.9729, -6.1801**.

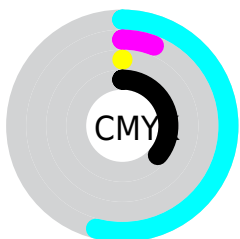
Distribution



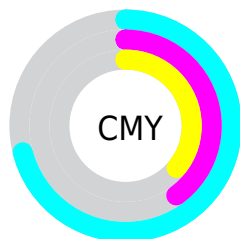
- Red (29%)
- Green (60%)
- Blue (64%)



- Red (29%)
- Yellow (45%)
- Blue (64%)



- Cyan (54%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4985, -18.8109, -7.9503 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 51.4985, -18.8109, -7.9503 by changing the saturation by 10% instead.

■ 51.4985, -18.8109,
-7.9503

■ 51.4985, -18.8109,
-7.9503

168.9186,
-33.7687, -5.9677

■ 41.4904, -17.0059,
-7.8945

■ 73.5635, -22.2738,
-7.8645

■ 32.2297, -15.1248,
-7.7663

■ 85.5401, -23.9565,
-7.7350

■ 23.7838, -13.1337,
-7.5582

■ 98.1042, -25.6179,
-7.5532

■ 16.2403, -10.9745,
-7.2666

■ 111.2295,
-27.2637, -7.3226

■ 9.7239, -9.9660,
-6.9049

■ 124.8930,
-28.8986, -7.0463

0.0000, NaN, -NF

0.0000, NaN, NaN

139.0742,

-30.5259, -6.7269

0.0000, NaN, NaN

153.7549,
-32.1485, -6.3667

0.0000, NaN, NaN

■ 51.4985, -18.8109,
-7.9503

■ 51.4985, -18.8109,
-7.9503

■ 50.3654, -20.1373,
-9.5577

■ 52.7751, -16.9729,
-6.1801

■ 49.3693, -20.9511,
-10.9976

■ 54.1929, -14.6363,
-4.2609

■ 48.5043, -21.2697,
-12.2683

■ 55.7516, -11.8252,
-2.2056

■ 47.7587, -21.1334,
-13.3777

■ 57.4482, -8.5703,
-0.0296

■ 47.3628, -20.9506,
-13.9731

■ 59.2786, -4.9067,
2.2518

■ 61.2378, -0.8713,
4.6235

■ 63.3201, 3.4986,
7.0715

■ 65.5197, 8.1672,
9.5831

■ 67.8305, 13.1005,
12.1472

Harmonies

Analogous

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



51.4995, -21.2576, 2.5069



51.4985, -18.8109, -7.9503



51.4995, -12.1217, -16.7383

Triad

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



51.4995, -18.8111, -7.9495



51.4995, 15.9095, -7.3354



51.4995, -3.0609, 18.4261

Complementary

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



51.4985, -18.8109, -7.9503



38.1012, 23.7751, 13.8115

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.



51.4995, 7.3424, 16.8067



51.4985, -18.8109, -7.9503



51.4995, 18.8063, 3.0979

Square

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



51.4995, -18.8111, -7.9495



51.4995, 7.9223, -16.3371



51.4995, 15.5565, 11.6438



51.4995, -12.6195, 16.6007

Rectangle

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



51.4985, -18.8109, -7.9503



51.4995, -5.8784, -19.7367



51.4995, 15.5565, 11.6438



51.4995, 0.4536, 18.2700

Sweetspot

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



51.4995, -18.8111, -7.9495



76.9356, -12.4637, -0.6340



52.8380, -34.0274, 22.8245



36.2462, -6.3229, -0.5743



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.4995, -18.8111, -7.9495



67.5891, -27.3960, -13.2679



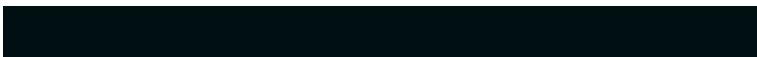
38.7883, 0.3960, -28.3424



28.0592, -3.2553, 0.5335



42.0858, -18.6554, -12.3319



6.3915, -3.0687, -1.3644

Inverse Universe

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



38.5314, 39.1996, -21.2822



47.7905, 63.7906, -34.2395



48.2739, 3.1570, 21.8436



26.8109, 1.8788, -0.5194



27.6264, 53.0322, -26.4976



4.0502, 7.8466, -4.4413

Previews

White Background



This preview shows how the HunterLab color 51.4985, -18.8109, -7.9503 looks on a white background.

Color Contrast Check

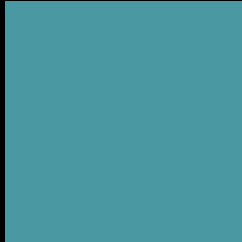
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4985, -18.8109, -7.9503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

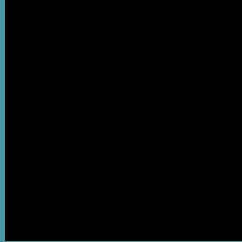
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

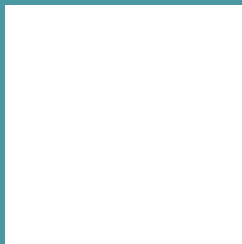
Any Text WCAG AAA × Fail

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

HunterLab 51.4985, -18.8109, -7.9503 Background



This preview shows how black text looks on a background with the HunterLab color 51.4985, -18.8109, -7.9503.



This preview shows how white text looks on a background with the HunterLab color 51.4985,

-18.8109, -7.9503.

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

51.4985, -18.8109, -7.9503

Protanopia

51.1875, -0.4926, -3.8782

Deuteranopia

51.2549, 3.3647, -9.5359



Tritanopia

51.6068, -18.2618, -8.8707

Trichromacy



Original Color

51.4985, -18.8109, -7.9503

Protanomaly

51.0154, -8.3488, -5.7829

Deuteranomaly

50.8018, -5.5946, -9.7844

Tritanomaly

51.5720, -18.4634, -8.3808

Monochromacy



Original Color

51.4985, -18.8109, -7.9503

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.4200, -9.5254, -1.6669

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4985, -18.8109, -7.9503 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(74, 152, 162)` looks like.

```
.text, #text, p{  
    color:rgb(74, 152, 162)  
}
```

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(74, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 152, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4985, -18.8109, -7.9503 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(74, 152, 162) }
```


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

```
.border{ border-color:rgb(74, 152, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 152, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(74, 152,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4985, -18.8109, -7.9503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 152, 162) }
```

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

```
.background{ background-color: rgb(74, 152,  
162) }
```

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