

Converting Colors

HunterLab(48.9262, -27.0267,
0.3559)

Have a look what the booklet for
HunterLab(48.9262, -27.0267,
0.3559) contains.

HunterLab(48.9118, -27.0984, 0.5183)	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(48.9118,
-27.0984, 0.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	1E968A
RGB	30, 150, 138
RGB Percent	12%, 59%, 54%
CMY	0.8823, 0.4118, 0.4588
CMYK	0.80, 0.00, 0.08, 0.41
HSL	174°, 67%, 35%
HSV	174°, 80%, 59%
XYZ	16.0292, 23.9236, 27.8176
YIQ	112.7520, -67.6680, -29.1720

Conversions

Conversions Part 2

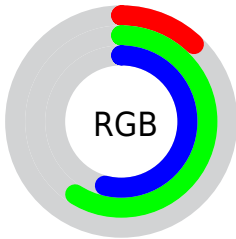
Format	Color
R_{YB}	30, 93, 150
Decimal	2004618
CIE _{Lab}	56.01, -34.15, -2.75
CIE _{LCh}	56, 34.259, 184.601
Y _{xy}	23.9246, 0.2365, 0.3530
Android (android.graphics.Color)	4280194698 (0xFF1E968A)
YUV	112.7520, 12.4473, -72.5735
Hunter-Lab	48.9118, -27.0984, 0.5183

Details

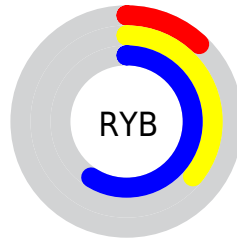
The HunterLab color **48.9118, -27.0984, 0.5183** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.5325, 39.0866, 12.9308**, and the grayscale version is **40.5151, -2.1618, 2.2013**.

A 20% lighter version of the original color is **70.7255, -32.2239, 1.6960**, and **30.7245, -18.1595, 0.7981** is the 20% darker color. If you saturate the color by 10%, you get **48.6897, -28.0770, 0.9195**, and if you desaturate by 10%, it is **49.2445, -25.6945, 0.2539**.

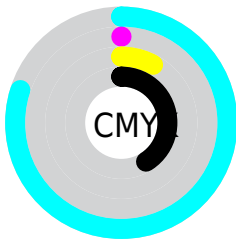
Distribution



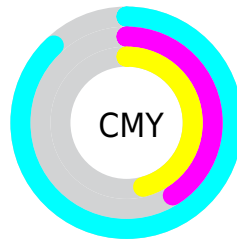
- Red (12%)
- Green (59%)
- Blue (54%)



- Red (12%)
- Yellow (36%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (8%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9118, -27.0984, 0.5183 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 48.9118, -27.0984, 0.5183 by changing the saturation by 10% instead.

48.9118, -27.0984,
0.5183

48.9118, -27.0984,
0.5183

165.0572,
-47.9210, 5.8084

39.0867, -24.3950,
0.1314

70.6449, -32.1435,
1.4340

30.0241, -21.5149,
-0.2029

82.4691, -34.5370,
1.9542

21.7959, -18.3870,
-0.4767

94.8879, -36.8678,
2.5125

14.4973, -14.8890,
-0.6797

107.8742,
-39.1479, 3.1068

8.1583, -14.2771,
-0.9523

121.4043,
-41.3866, 3.7350

0.0000, NaN, NaN

0.0000, NaN, NaN

135.4570,

-43.5912, 4.3956

0.0000, NaN, NaN

150.0136,
-45.7677, 5.0872

0.0000, NaN, NaN

■ 48.9118, -27.0984,
0.5183

■ 48.9118, -27.0984,
0.5183

■ 48.6897, -28.0770,
0.9195

■ 49.2445, -25.6945,
0.2539

■ 48.5415, -28.7589,
1.4102

■ 49.6965, -23.8305,
0.1411

■ 48.5414, -28.7592,
1.4104

■ 50.2769, -21.4895,
0.1919

■ 50.9914, -18.6693,
0.4132

■ 51.8431, -15.3801,
0.8075

■ 52.8335, -11.6429,
1.3737

■ 53.9622, -7.4862,
2.1073

■ 55.2272, -2.9445,
3.0010

■ 56.6256, 1.9444,
4.0458

Harmonies

Analogous

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



48.9127, -25.0415, 12.5992



48.9118, -27.0984, 0.5183



48.9127, -23.2372, -14.6277

Triad

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



48.9127, -27.0986, 0.5189



48.9127, 13.9892, -24.1093



48.9127, 9.7398, 20.8780

Complementary

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



48.9118, -27.0984, 0.5183



27.5325, 39.0866, 12.9308

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.



48.9127, 22.1218, 15.3012



48.9118, -27.0984, 0.5183



48.9127, 24.7660, -9.9280

Square

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



48.9127, -27.0986, 0.5189



48.9127, -0.3887, -31.2146



48.9127, 27.9000, 4.7132



48.9127, -4.7972, 22.2077

Rectangle

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



48.9118, -27.0984, 0.5183



48.9127, -17.5332, -23.7956



48.9127, 27.9000, 4.7132



48.9127, 14.3435, 19.5360

Sweetspot

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



48.9127, -27.0986, 0.5189



69.5736, -17.7611, 1.4602



47.3739, -37.0106, 27.0057



32.5554, -9.1065, 0.5768



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



48.9127, -27.0986, 0.5189



64.5347, -37.9755, 1.7488



35.1848, -5.8108, -27.0448



25.5975, -3.3785, 1.0291



44.2090, -26.1726, 1.2416



4.9147, -2.7530, -0.1999

Inverse Universe

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



27.5325, 39.0866, 12.9308



34.1868, 57.5037, 20.3408



34.2749, 20.2068, 19.3481



24.1335, 0.8352, 1.7256



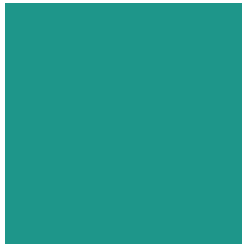
23.2568, 39.9617, 13.9917



2.6088, 4.5533, 1.0214

Previews

White Background



This preview shows how the HunterLab color 48.9118, -27.0984, 0.5183 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 48.9118, -27.0984, 0.5183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

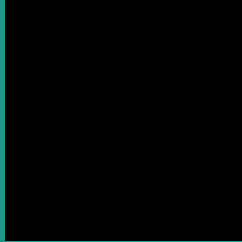
Any Text WCAG AA ✓ Pass

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 48.9118, -27.0984, 0.5183 Background



This preview shows how black text looks on a background with the HunterLab color 48.9118, -27.0984, 0.5183.



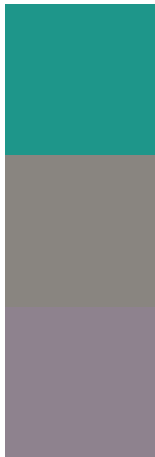
This preview shows how white text looks on a background with the HunterLab color 48.9118, -27.0984, 0.5183.

-27.0984, 0.5183.

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

48.9118, -27.0984, 0.5183

Protanopia

48.6333, -2.1575, 5.0328

Deuteranopia

48.6508, 2.9921, -1.1568



Tritanopia

48.9403, -20.6562, -9.9424

Trichromacy



Original Color

48.9118, -27.0984, 0.5183

Protanomaly

47.6737, -14.4067, 1.9752

Deuteranomaly

47.5196, -11.3372, -2.3582

Tritanomaly

48.8521, -23.1892, -5.8373

Monochromacy



Original Color

48.9118, -27.0984, 0.5183

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

42.6214, -13.6893, 0.4103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9118, -27.0984, 0.5183 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(30, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(30, 150, 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(30, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 150, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9118, -27.0984, 0.5183 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(30, 150, 138) }
```


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

```
.border{ border-color:rgb(30, 150, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(30, 150,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9118, -27.0984, 0.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 150, 138) }
```

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

```
.background{ background-color: rgb(30, 150,  
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