

Converting Colors

HunterLab(42.8735, -52.3668,
-7.4814)

Have a look what the booklet for
HunterLab(42.8735, -52.3668,
-7.4814) contains.

HunterLab(48.5992, -28.4063, 0.5762)	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(48.5992,
-28.4063, 0.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	009689
RGB	0, 150, 137
RGB Percent	0%, 59%, 54%
CMY	0.9999, 0.4118, 0.4627
CMYK	1.00, 0.00, 0.09, 0.41
HSL	175°, 100%, 29%
HSV	175°, 100%, 59%
XYZ	15.4217, 23.6188, 27.4130
YIQ	103.6680, -85.2270, -35.8430

Conversions

Conversions Part 2

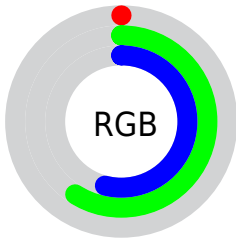
Format	Color
RYB	0, 78, 150
Decimal	38537
CIELab	55.71, -36.36, -2.66
CIELCh	56, 36.456, 184.183
Yxy	23.6197, 0.2321, 0.3554
Android (android.graphics.Color)	4278228617 (0xFF009689)
YUV	103.6680, 16.4327, -90.9168
Hunter-Lab	48.5992, -28.4063, 0.5762

Details

The HunterLab color **48.5992, -28.4063, 0.5762** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **25.5220, 43.8174, 15.6076**, and the grayscale version is **37.0464, -1.9767, 2.0128**.

A 20% lighter version of the original color is **70.3243, -33.8481, 1.6694**, and **30.6977, -18.3208, 1.1798** is the 20% darker color. If you saturate the color by 10%, you get **48.6000, -28.4072, 0.5773**, and if you desaturate by 10%, it is **48.7431, -27.7573, 0.1625**.

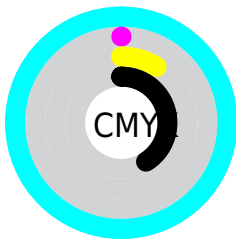
Distribution



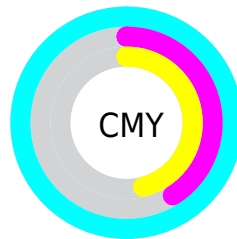
- Red (0%)
- Green (59%)
- Blue (54%)



- Red (0%)
- Yellow (31%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5992, -28.4063, 0.5762 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 48.5992, -28.4063, 0.5762 by changing the saturation by 10% instead.

■ 48.5992, -28.4063,
0.5762

■ 48.5992, -28.4063,
0.5762

164.5880,
-50.2503, 5.8892

■ 38.7966, -25.5445,
0.1862

■ 70.2915, -33.7288,
1.4976

■ 29.7586, -22.4877,
-0.1513

■ 82.0969, -36.2465,
2.0206

■ 21.5574, -19.1579,
-0.4286

■ 94.4979, -38.6939,
2.5815

■ 14.2891, -15.4503,
-0.6351

■ 107.4672,
-41.0843, 3.1783

■ 7.9472, -13.9076,
-0.9546

■ 120.9808,
-43.4277, 3.8089

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.0177,

-45.7324, 4.4719

0.0000, NaN, NaN

149.5591,
-48.0049, 5.1657

0.0000, NaN, NaN

■ 48.5992, -28.4063,
0.5762

■ 48.5992, -28.4063,
0.5762

■ 48.6000, -28.4072,
0.5773

■ 48.7431, -27.7573,
0.1625

■ 48.9606, -26.8127,
-0.1593

■ 49.2868, -25.4438,
-0.3428

■ 49.7330, -23.6158,
-0.3721

■ 50.3075, -21.3114,
-0.2361

■ 51.0160, -18.5278,
0.0714

■ 51.8617, -15.2748,
0.5523

■ 52.8462, -11.5728,
1.2048

■ 53.9689, -7.4502,
2.0239

Harmonies

Analogous

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



48.6001, -26.1709, 13.2470



48.5992, -28.4063, 0.5762



48.6001, -24.4540, -15.6753

Triad

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



48.6001, -28.4064, 0.5768



48.6001, 14.9078, -26.3718



48.6001, 10.7746, 21.5853

Complementary

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



48.5992, -28.4063, 0.5762



25.5220, 43.8174, 15.6076

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.



48.6001, 23.9728, 15.7988



48.5992, -28.4063, 0.5762



48.6001, 26.5571, -11.0606

Square

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



48.6001, -28.4064, 0.5768



48.6001, -0.4489, -33.9756



48.6001, 30.0614, 4.6270



48.6001, -4.7060, 22.9841

Rectangle

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



48.5992, -28.4063, 0.5762



48.6001, -18.5187, -25.6724



48.6001, 30.0614, 4.6270



48.6001, 15.6843, 20.1995

Sweetspot

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



48.6001, -28.4064, 0.5768



68.8216, -20.5694, 0.6886



46.8136, -39.5841, 28.1527



32.1893, -10.4831, 0.1997



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.



48.6001, -28.4064, 0.5768



64.5515, -37.7973, 0.9097



30.8480, -0.9667, -36.4683



25.6001, -3.3643, 0.9925



44.2620, -25.8541, 0.4880



4.9177, -2.7349, -0.2429

Inverse Universe

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



25.5220, 43.8174, 15.6076



33.8862, 58.1487, 20.9850



31.1725, 26.7297, 19.6753



24.1310, 0.8219, 1.7608



23.2467, 39.9243, 14.1415



2.6030, 4.5322, 1.1050

Previews

White Background



This preview shows how the HunterLab color 48.5992, -28.4063, 0.5762 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 48.5992, -28.4063, 0.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

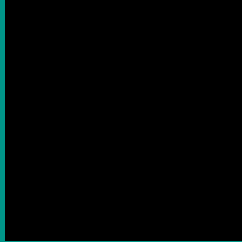
Any Text WCAG AA ✓ Pass

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 48.5992, -28.4063, 0.5762 Background



This preview shows how black text looks on a background with the HunterLab color 48.5992, -28.4063, 0.5762.



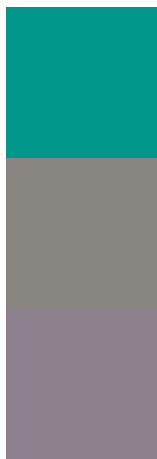
This preview shows how white text looks on a background with the HunterLab color 48.5992, -28.4063, 0.5762.

-28.4063, 0.5762.

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

48.5992, -28.4063, 0.5762

Protanopia

48.2380, -2.1368, 5.0077

Deuteranopia

48.3780, 3.4782, -1.4923



Tritanopia

48.7483, -21.3963, -10.2301

Trichromacy



Original Color

48.5992, -28.4063, 0.5762

Protanomaly

47.0427, -16.8336, 1.6298

Deuteranomaly

46.8598, -13.8357, -2.7598

Tritanomaly

48.5884, -24.2206, -6.2107

Monochromacy



Original Color

48.5992, -28.4063, 0.5762

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

40.1173, -15.7593, 0.0246

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5992, -28.4063, 0.5762 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(0, 150, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 137)  
}
```

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(0, 150, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5992, -28.4063, 0.5762 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(0, 150, 137) }
```


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

```
.border{ border-color:rgb(0, 150, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5992, -28.4063, 0.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 137) }
```

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

```
.background{ background-color: rgb(0, 150,  
137) }
```

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