

Converting Colors

HunterLab(50.7893, -39.2265,
2.4884)

Have a look what the booklet for
HunterLab(50.7893, -39.2265,
2.4884) contains.

HunterLab(52.2730, -32.2921, 4.3726)	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(52.2730,
-32.2921, 4.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	00A18A
RGB	0, 161, 138
RGB Percent	0%, 63%, 54%
CMY	0.9999, 0.3686, 0.4588
CMYK	1.00, 0.00, 0.14, 0.37
HSL	171°, 100%, 32%
HSV	171°, 100%, 63%
XYZ	17.3323, 27.3247, 28.4054
YIQ	110.2390, -88.5730, -41.2850

Conversions

Conversions Part 2

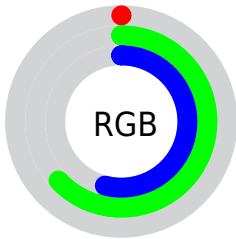
Format	Color
RYB	0, 87, 161
Decimal	41354
CIELab	59.27, -40.92, 1.99
CIELCh	59, 40.967, 177.217
Yxy	27.3257, 0.2372, 0.3740
Android (android.graphics.Color)	4278231434 (0xFF00A18A)
YUV	110.2390, 13.6862, -96.6796
Hunter-Lab	52.2730, -32.2921, 4.3726

Details

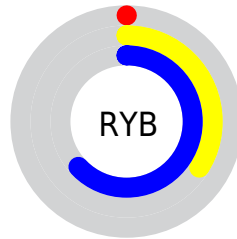
The HunterLab color **52.2730, -32.2921, 4.3726** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.6399, 47.5546, 16.1231**, and the grayscale version is **39.5552, -2.1106, 2.1491**.

A 20% lighter version of the original color is **74.5731, -38.2736, 6.0929**, and **33.8078, -21.5501, 4.2636** is the 20% darker color. If you saturate the color by 10%, you get **52.2738, -32.2932, 4.3741**, and if you desaturate by 10%, it is **52.4444, -31.4763, 3.5834**.

Distribution



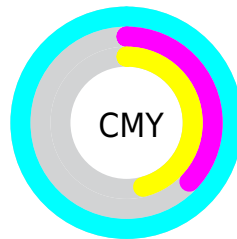
- Red (0%)
- Green (63%)
- Blue (54%)



- Red (0%)
- Yellow (34%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.2730, -32.2921, 4.3726 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 52.2730, -32.2921, 4.3726 by changing the saturation by 10% instead.

■ 52.2730, -32.2921,
4.3726

■ 52.2730, -32.2921,
4.3726

170.0678,
-56.0015, 11.5401

■ 42.2114, -29.1765,
3.7170

■ 74.4353, -38.0886,
5.7761

■ 32.8928, -25.8544,
3.0923

■ 86.4567, -40.8281,
6.5207

■ 24.3834, -22.2498,
2.5000

■ 99.0635, -43.4883,
7.2930

■ 16.7690, -18.2381,
1.9405

■ 112.2296,
-46.0834, 8.0920

■ 10.1704, -17.7983,
1.4122

■ 125.9324,
-48.6244, 8.9169

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.1514,

-51.1199, 9.7670

0.0000, NaN, NaN

154.8687,
-53.5770, 10.6416

0.0000, NaN, NaN

■ 52.2730, -32.2921,
4.3726

■ 52.2730, -32.2921,
4.3726

■ 52.2738, -32.2932,
4.3741

■ 52.4444, -31.4763,
3.5834

■ 52.6994, -30.3221,
2.8834

■ 53.0736, -28.6991,
2.3196

■ 53.5795, -26.5698,
1.9121

■ 54.2262, -23.9165,
1.6754

■ 55.0197, -20.7378,
1.6194

■ 55.9637, -17.0464,
1.7491

■ 57.0593, -12.8667,
2.0655

■ 58.3061, -8.2314,
2.5660

Harmonies

Analogous

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



52.2740, -28.1432, 17.3597



52.2730, -32.2921, 4.3726



52.2740, -29.4373, -13.9822

Triad

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



52.2740, -32.2923, 4.3732



52.2740, 13.4770, -34.2966



52.2740, 16.6693, 23.2131

Complementary

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



52.2730, -32.2921, 4.3726



27.6399, 47.5546, 16.1231

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.



52.2740, 30.5620, 15.4528



52.2730, -32.2921, 4.3726



52.2740, 28.5554, -17.5835

Square

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



52.2740, -32.2923, 4.3732



52.2740, -4.4129, -40.1948



52.2740, 35.1715, 1.2701



52.2740, -1.1511, 25.7585

Rectangle

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



52.2730, -32.2921, 4.3726



52.2740, -23.7086, -26.4620



52.2740, 35.1715, 1.2701



52.2740, 22.0382, 21.2855

Sweetspot

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



52.2740, -32.2923, 4.3732



74.8141, -23.1140, 2.3239



50.6822, -42.4646, 30.4861



34.7938, -11.7674, 1.0449



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



52.2740, -32.2923, 4.3732



69.9384, -43.3124, 6.0821



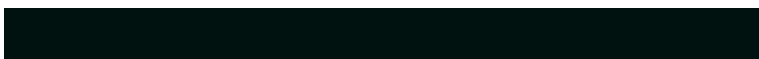
35.5064, -4.5726, -34.5071



28.2733, -3.8173, 1.2628



46.7204, -28.8300, 3.8393



6.8053, -3.9811, 0.0880

Inverse Universe

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



27.6399, 47.5546, 16.1231



36.9635, 63.5530, 21.9324



32.3125, 32.5599, 20.4799



26.6490, 1.0091, 1.7856



24.7080, 42.5289, 14.2941



3.6434, 6.3929, 1.1652

Previews

White Background



This preview shows how the HunterLab color 52.2730, -32.2921, 4.3726 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 52.2730, -32.2921, 4.3726 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 52.2730, -32.2921, 4.3726 Background



This preview shows how black text looks on a background with the HunterLab color 52.2730, -32.2921, 4.3726.



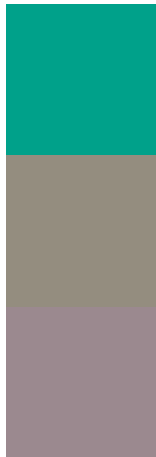
This preview shows how white text looks on a background with the HunterLab color 52.2730,

-32.2921, 4.3726.

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

52.2730, -32.2921, 4.3726

Protanopia

51.8440, -2.6944, 8.9364

Deuteranopia

51.8103, 3.8051, 2.2536



Tritanopia

52.4751, -22.7768, -10.4747

Trichromacy



Original Color

52.2730, -32.2921, 4.3726



Protanomaly

50.1978, -19.2069, 5.2334



Deuteranomaly

50.1333, -15.6965, 0.8153



Tritanomaly

52.1378, -26.5174, -5.1223

Monochromacy



Original Color

52.2730, -32.2921, 4.3726



Achromatopsia

39.4875, -2.1070, 2.1454



Achromatomaly

42.8470, -17.6325, 1.5050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.2730, -32.2921, 4.3726 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, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 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(0, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 52.2730, -32.2921, 4.3726 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, 161, 138) }
```


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

```
.border{ border-color:rgb(0, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.2730, -32.2921, 4.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 138) }
```

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

```
.background{ background-color: rgb(0, 161,  
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