

Converting Colors

HunterLab(49.0713, -32.6395,
9.1245)

Have a look what the booklet for
HunterLab(49.0713, -32.6395,
9.1245) contains.

HunterLab(49.0820, -32.5740, 8.9697)	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(49.0820,
-32.5740, 8.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	009976
RGB	0, 153, 118
RGB Percent	0%, 60%, 46%
CMY	0.9999, 0.4000, 0.5373
CMYK	1.00, 0.00, 0.23, 0.40
HSL	166°, 100%, 30%
HSV	166°, 100%, 60%
XYZ	14.6612, 24.0904, 21.0167
YIQ	103.2630, -79.9530, -43.3210

Conversions

Conversions Part 2

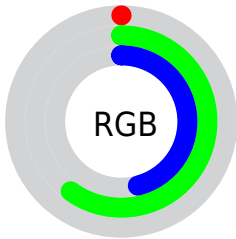
Format	Color
RYB	0, 86, 153
Decimal	39286
CIELab	56.18, -42.96, 8.86
CIELCh	56, 43.866, 168.345
Yxy	24.0914, 0.2453, 0.4031
Android (android.graphics.Color)	4278229366 (0xFF009976)
YUV	103.2630, 7.2653, -90.5617
Hunter-Lab	49.0820, -32.5740, 8.9697

Details

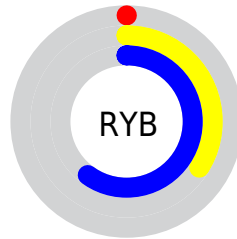
The HunterLab color **49.0820, -32.5740, 8.9697** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.2570, 45.4254, 13.3814**, and the grayscale version is **36.9250, -1.9702, 2.0062**.

A 20% lighter version of the original color is **70.7391, -38.6503, 11.0375**, and **31.2243, -21.7190, 7.8575** is the 20% darker color. If you saturate the color by 10%, you get **49.0828, -32.5752, 8.9712**, and if you desaturate by 10%, it is **49.2750, -31.6187, 7.8492**.

Distribution



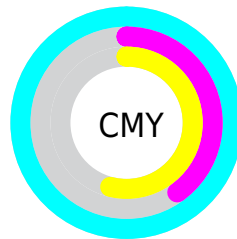
- Red (0%)
- Green (60%)
- Blue (46%)



- Red (0%)
- Yellow (34%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0820, -32.5740, 8.9697 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 49.0820, -32.5740, 8.9697 by changing the saturation by 10% instead.

■ 49.0820, -32.5740,
8.9697

■ 49.0820, -32.5740,
8.9697

165.3124,
-57.4266, 18.8268

■ 39.2446, -29.2563,
7.9138

■ 70.8373, -38.7047,
11.0868

■ 30.1688, -25.6963,
6.8492

■ 82.6716, -41.5868,
12.1555

■ 21.9260, -21.8013,
5.7631

■ 95.1002, -44.3778,
13.2345

■ 14.6108, -17.5832,
4.6315

■ 108.0958,
-47.0940, 14.3255

■ 8.2709, -14.4740,
4.8915

■ 121.6347,
-49.7479, 15.4295

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.6960,

-52.3495, 16.5473

0.0000, NaN, NaN

150.2608,
-54.9069, 17.6796

0.0000, NaN, NaN

■ 49.0820, -32.5740,
8.9697

■ 49.0820, -32.5740,
8.9697

■ 49.0828, -32.5752,
8.9712

■ 49.2750, -31.6187,
7.8492

■ 49.5473, -30.3377,
6.7817

■ 49.9338, -28.6016,
5.8133

■ 50.4462, -26.3783,
4.9649

■ 51.0925, -23.6543,
4.2534

■ 51.8780, -20.4320,
3.6916

■ 52.8057, -16.7267,
3.2887

■ 53.8764, -12.5641,
3.0497

■ 55.0894, -7.9779,
2.9763

Harmonies

Analogous

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



49.0830, -26.2640, 20.1320



49.0820, -32.5740, 8.9697



49.0830, -31.7801, -9.0874

Triad

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



49.0830, -32.5743, 8.9702



49.0830, 8.9638, -40.9599



49.0830, 23.0518, 21.6923

Complementary

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



49.0820, -32.5740, 8.9697



26.2570, 45.4254, 13.3814

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.



49.0830, 35.4856, 12.0909



49.0820, -32.5740, 8.9697



49.0830, 26.5657, -25.2233

Square

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



49.0830, -32.5743, 8.9702



49.0830, -9.5366, -42.7767



49.0830, 36.8584, -4.5908



49.0830, 4.6988, 25.4627

Rectangle

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



49.0820, -32.5740, 8.9697



49.0830, -27.3046, -22.9930



49.0830, 36.8584, -4.5908



49.0830, 28.1711, 19.2448

Sweetspot

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



49.0830, -32.5743, 8.9702



70.5854, -22.7001, 4.4273



48.1177, -39.2851, 28.9617



32.9351, -11.5922, 2.1683



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.0830, -32.5743, 8.9702



65.6611, -43.7287, 12.3270



37.3280, -10.0114, -25.0437



26.4620, -3.6491, 1.4276



44.6268, -29.5783, 8.0715



5.5050, -3.3231, 0.2928

Inverse Universe

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



26.2570, 45.4254, 13.3814



35.1024, 60.6649, 18.4121



28.8884, 35.4798, 18.4212



24.9894, 1.0113, 1.4315



23.8788, 41.3318, 12.0292



3.0012, 5.3526, 0.2882

Previews

White Background



This preview shows how the HunterLab color 49.0820, -32.5740, 8.9697 looks on a white background.

Color Contrast Check

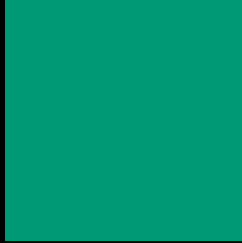
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0820, -32.5740, 8.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

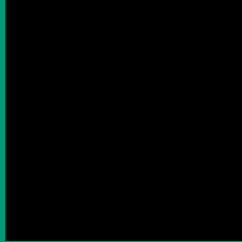
Any Text WCAG AA ✓ Pass

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 49.0820, -32.5740, 8.9697 Background



This preview shows how black text looks on a background with the HunterLab color 49.0820, -32.5740, 8.9697.



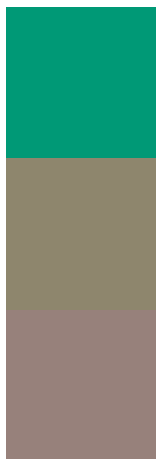
This preview shows how white text looks on a background with the HunterLab color 49.0820,

-32.5740, 8.9697.

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

49.0820, -32.5740, 8.9697

Protanopia

48.8928, -3.6349, 12.5193

Deuteranopia

48.6928, 3.4566, 7.2477



Tritanopia

48.9888, -20.4695, -9.8698

Trichromacy



Original Color

49.0820, -32.5740, 8.9697

Protanomaly

47.3215, -19.9475, 9.6038

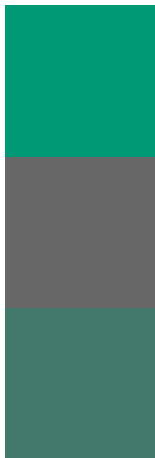
Deuteranomaly

46.9513, -16.1518, 5.8054

Tritanomaly

48.7851, -25.5633, -2.4536

Monochromacy



Original Color

49.0820, -32.5740, 8.9697

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

39.8945, -17.0593, 3.1993

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0820, -32.5740, 8.9697 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, 153, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 118)  
}
```

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, 153, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0820, -32.5740, 8.9697 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, 153, 118) }
```


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

```
.border{ border-color:rgb(0, 153, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0820, -32.5740, 8.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 118) }
```

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

```
.background{ background-color: rgb(0, 153,  
118) }
```

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