

Converting Colors

HunterLab(47.8865, -48.3198,
0.1993)

Have a look what the booklet for
HunterLab(47.8865, -48.3198,
0.1993) contains.

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Color

**HunterLab(51.5224,
-32.0597, 4.8092)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 009F87 |
| RGB | 0, 159, 135 |
| RGB Percent | 0%, 62%, 53% |
| CMY | 0.9999, 0.3765, 0.4706 |
| CMYK | 1.00, 0.00, 0.15, 0.38 |
| HSL | 171°, 100%, 31% |
| HSV | 171°, 100%, 62% |
| XYZ | 16.7713, 26.5456, 27.1616 |
| YIQ | 108.7230, -87.0600, -41.1720 |

Conversions

Conversions Part 2

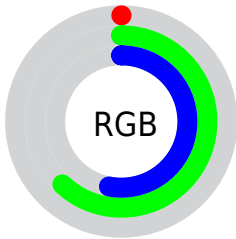
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 86, 159 |
| Decimal | 40839 |
| CIELab | 58.55, -40.90, 2.64 |
| CIELCh | 59, 40.983, 176.311 |
| Yxy | 26.5466, 0.2380, 0.3766 |
| Android (android.graphics.Color) | 4278230919 (0xFF009F87) |
| YUV | 108.7230, 12.9546, -95.3501 |
| Hunter-Lab | 51.5224, -32.0597, 4.8092 |

Details

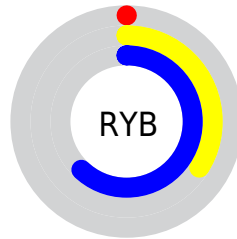
The HunterLab color **51.5224, -32.0597, 4.8092** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.2720, 46.9424, 15.7456**, and the grayscale version is **38.9789, -2.0798, 2.1178**.

A 20% lighter version of the original color is **73.4150, -37.6881, 6.1550**, and **33.1118, -21.3220, 4.6411** is the 20% darker color. If you saturate the color by 10%, you get **51.5232, -32.0609, 4.8107**, and if you desaturate by 10%, it is **51.6956, -31.2322, 3.9904**.

Distribution



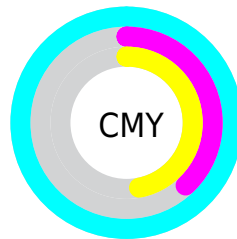
- Red (0%)
- Green (62%)
- Blue (53%)



- Red (0%)
- Yellow (34%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5224, -32.0597, 4.8092 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 51.5224, -32.0597, 4.8092 by changing the saturation by 10% instead.

■ 51.5224, -32.0597,
4.8092

■ 51.5224, -32.0597,
4.8092

168.9542,
-55.8048, 12.2095

■ 41.5126, -28.9326,
4.1196

■ 73.5904, -37.8715,
6.2738

■ 32.2502, -25.5946,
3.4578

■ 85.5684, -40.6162,
7.0464

■ 23.8022, -21.9674,
2.8243

■ 98.1338, -43.2806,
7.8453

■ 16.2565, -17.9214,
2.2176

■ 111.2604,
-45.8790, 8.6696

■ 9.7376, -17.0408,
1.6618

■ 124.9251,
-48.4225, 9.5188

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.1075,

-50.9201, 10.3922

0.0000, NaN, NaN

153.7893,
-53.3789, 11.2893

0.0000, NaN, NaN

■ 51.5224, -32.0597,
4.8092

■ 51.5224, -32.0597,
4.8092

■ 51.5232, -32.0609,
4.8107

■ 51.6956, -31.2322,
3.9904

■ 51.9509, -30.0716,
3.2567

■ 52.3238, -28.4480,
2.6549

■ 52.8267, -26.3249,
2.2049

■ 53.4682, -23.6854,
1.9213

■ 54.2545, -20.5283,
1.8141

■ 55.1889, -16.8667,
1.8889

■ 56.2726, -12.7246,
2.1468

■ 57.5052, -8.1348,
2.5857

Harmonies

Analogous

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



51.5234, -27.7315, 17.5149



51.5224, -32.0597, 4.8092



51.5234, -29.4351, -13.3842

Triad

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



51.5234, -32.0599, 4.8098



51.5234, 12.9261, -34.6419



51.5234, 17.1426, 22.8749

Complementary

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



51.5224, -32.0597, 4.8092



27.2720, 46.9424, 15.7456

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.



51.5234, 30.7860, 15.0074



51.5224, -32.0597, 4.8092



51.5234, 28.1337, -18.1477

Square

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



51.5234, -32.0599, 4.8098



51.5234, -4.8861, -40.1178



51.5234, 35.0515, 0.7154



51.5234, -0.5825, 25.5233

Rectangle

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



51.5224, -32.0597, 4.8092



51.5234, -23.8783, -25.9126



51.5234, 35.0515, 0.7154



51.5234, 22.4447, 20.9138

Sweetspot

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



51.5234, -32.0599, 4.8098



73.7768, -22.8747, 2.5152



50.0237, -41.7315, 30.0931



34.7854, -11.8156, 1.1641



89.8524, -4.7943, 4.8819



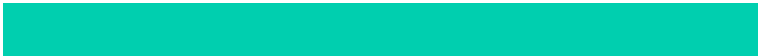
37.4146, -1.9963, 2.0328

Same Dimension

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



51.5234, -32.0599, 4.8098



68.9330, -43.0055, 6.6762



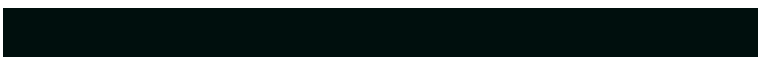
35.7954, -5.7275, -32.3752



27.3720, -3.6948, 1.2476



45.7945, -28.4607, 4.1993



6.1581, -3.5974, 0.0687

Inverse Universe

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



27.2720, 46.9424, 15.7456



36.4699, 62.7298, 21.4428



31.4939, 33.1463, 19.9857



25.8102, 0.9738, 1.7042



24.2447, 41.7517, 13.8683



3.3039, 5.8112, 0.9473

Previews

White Background



This preview shows how the HunterLab color 51.5224, -32.0597, 4.8092 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 51.5224, -32.0597, 4.8092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

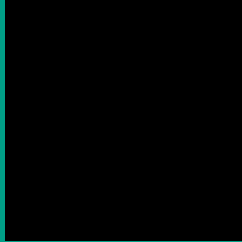
Any Text WCAG AA ✓ Pass

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 51.5224, -32.0597, 4.8092 Background



This preview shows how black text looks on a background with the HunterLab color 51.5224, -32.0597, 4.8092.



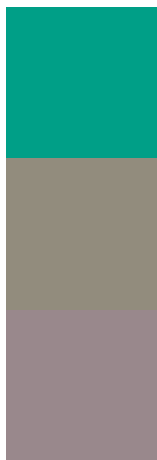
This preview shows how white text looks on a background with the HunterLab color 51.5224,

-32.0597, 4.8092.

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

51.5224, -32.0597, 4.8092

Protanopia

51.3301, -3.1207, 9.1640

Deuteranopia

51.2582, 3.1890, 2.9423



Tritanopia

51.7596, -22.3703, -10.3757

Trichromacy



Original Color

51.5224, -32.0597, 4.8092



Protanomaly

49.7791, -19.3038, 5.5987



Deuteranomaly

49.3182, -15.7641, 1.2073



Tritanomaly

51.3855, -26.3150, -4.5778

Monochromacy



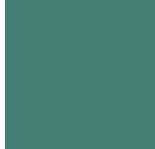
Original Color

51.5224, -32.0597, 4.8092



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.1331, -17.3287, 1.5399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5224, -32.0597, 4.8092 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, 159, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 135)  
}
```

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, 159, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5224, -32.0597, 4.8092 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, 159, 135) }
```


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

```
.border{ border-color:rgb(0, 159, 135) }
```

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

Here you see how a box with a 4 pixel rgb(0, 159, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5224, -32.0597, 4.8092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 135) }
```

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

```
.background{ background-color: rgb(0, 159,  
135) }
```

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](#).

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