

Converting Colors

HunterLab(46.5131, -39.5536,
-25.2037)

Have a look what the booklet for
HunterLab(46.5131, -39.5536,
-25.2037) contains.

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Color

**HunterLab(50.9478,
-21.4447, -17.3874)**

Conversions

Conversions Part 1

Format	Color
Hex	0099B1
RGB	0, 153, 177
RGB Percent	0%, 60%, 69%
CMY	0.9999, 0.4000, 0.3059
CMYK	1.00, 0.14, 0.00, 0.31
HSL	188°, 100%, 35%
HSV	188°, 100%, 69%
XYZ	19.3270, 25.9568, 45.5865
YIQ	109.9890, -98.8920, -24.9720

Conversions

Conversions Part 2

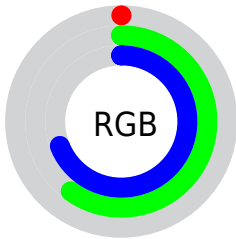
Format	Color
RYB	0, 82, 177
Decimal	39345
CIELab	58.00, -24.93, -22.04
CIELCh	58, 33.273, 221.483
Yxy	25.9577, 0.2127, 0.2856
Android (android.graphics.Color)	4278229425 (0xFF0099B1)
YUV	109.9890, 33.0364, -96.4604
Hunter-Lab	50.9478, -21.4447, -17.3874

Details

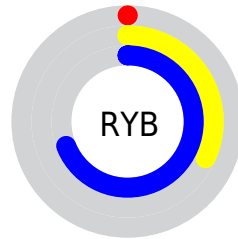
The HunterLab color **50.9478, -21.4447, -17.3874** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31.6258, 48.8409, 20.3409**, and the grayscale version is **39.3925, -2.1019, 2.1403**.

A 20% lighter version of the original color is **73.0943, -25.3901, -17.9358**, and **33.1028, -12.6916, -13.9782** is the 20% darker color. If you saturate the color by 10%, you get **50.9471, -21.4435, -17.3891**, and if you desaturate by 10%, it is **51.8433, -21.9717, -16.0093**.

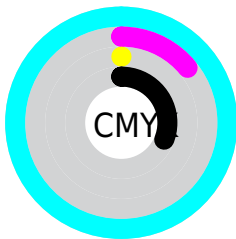
Distribution



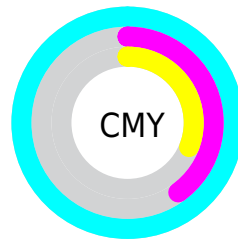
- Red (0%)
- Green (60%)
- Blue (69%)



- Red (0%)
- Yellow (32%)
- Blue (69%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.9478, -21.4447, -17.3874 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 50.9478, -21.4447, -17.3874 by changing the saturation by 10% instead.

50.9478, -21.4447,
-17.3874

50.9478, -21.4447,
-17.3874

168.0995,
-38.0970, -18.2553

40.9780, -19.3837,
-16.9987

72.9429, -25.3605,
-17.9722

31.7589, -17.2202,
-16.5514

84.8875, -27.2480,
-18.1727

23.3586, -14.9104,
-16.0609

97.4210, -29.1027,
-18.3152

15.8662, -12.3798,
-15.5790

110.5170,
-30.9323, -18.4026

9.4091, -12.0463,
-15.2837

124.1524,
-32.7423, -18.4378

0.0000, NaN, -NF

0.0000, NaN, -NF

138.3065,

-34.5375, -18.4234

0.0000, NaN, NaN

152.9611,
-36.3214, -18.3618

0.0000, NaN, NaN

■ 50.9478, -21.4447,
-17.3874

■ 50.9478, -21.4447,
-17.3874

■ 50.9471, -21.4435,
-17.3891

■ 51.8433, -21.9717,
-16.0093

■ 52.8449, -22.0948,
-14.4927

■ 53.9879, -21.6836,
-12.7931

■ 55.2824, -20.7070,
-10.9087

■ 56.7334, -19.1571,
-8.8464

■ 58.3426, -17.0437,
-6.6189

■ 60.1088, -14.3897,
-4.2420

■ 62.0289, -11.2270,
-1.7334

■ 64.0983, -7.5935,
0.8889

Harmonies

Analogous

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



50.9487, -26.6135, -2.6201



50.9478, -21.4447, -17.3874



50.9487, -11.0311, -28.1595

Triad

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



50.9487, -21.4445, -17.3866



50.9487, 25.5508, -6.0950



50.9487, -7.9954, 22.0955

Complementary

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



50.9478, -21.4447, -17.3874



31.6258, 48.8409, 20.3409

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.



50.9487, 6.1579, 21.6376



50.9478, -21.4447, -17.3874



50.9487, 26.5914, 7.6347

Square

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



50.9487, -21.4445, -17.3866



50.9487, 16.4643, -20.5169



50.9487, 19.1696, 17.0439



50.9487, -19.4303, 18.5304

Rectangle

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



50.9478, -21.4447, -17.3874



50.9487, -2.0194, -30.2410



50.9487, 19.1696, 17.0439



50.9487, -3.4193, 22.3742

Sweetspot

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



50.9487, -21.4445, -17.3866



80.3106, -19.4634, -5.8505



56.1332, -47.7235, 32.8620



36.9251, -9.7726, -3.3407



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



50.9487, -21.4445, -17.3866



68.0043, -28.4687, -23.5437



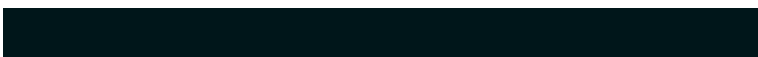
26.3555, 20.4007, -76.9769



30.7101, -3.5091, 0.5087



43.4404, -18.3492, -14.6862



8.0485, -3.6918, -2.0904

Inverse Universe

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



34.1291, 65.1805, -30.1851



45.6454, 87.1394, -40.0411



45.7827, 13.2130, 28.4412



29.3709, 2.0791, -0.5201



29.0605, 55.5232, -25.8429



5.2074, 10.0334, -5.2820

Previews

White Background



This preview shows how the HunterLab color 50.9478, -21.4447, -17.3874 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 50.9478, -21.4447, -17.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

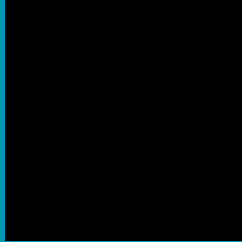
Any Text WCAG AA ✓ Pass

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 50.9478, -21.4447, -17.3874 Background



This preview shows how black text looks on a background with the HunterLab color 50.9478, -21.4447, -17.3874.



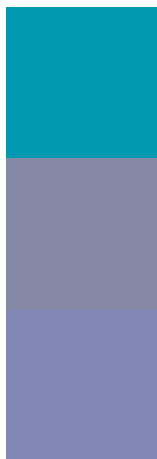
This preview shows how white text looks on a background with the HunterLab color 50.9478, -21.4447, -17.3874.

-21.4447, -17.3874.

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

50.9478, -21.4447, -17.3874

Protanopia

50.6271, 1.3151, -11.0303

Deuteranopia

50.6079, 3.8391, -19.9642



Tritanopia

50.8932, -24.0698, -11.6522

Trichromacy



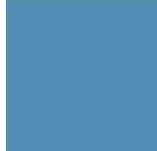
Original Color

50.9478, -21.4447, -17.3874



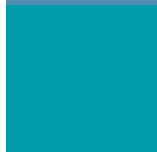
Protanomaly

49.4757, -11.4514, -15.2878



Deuteranomaly

49.4319, -9.2627, -21.4938



Tritanomaly

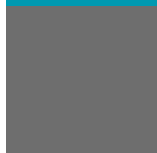
51.0406, -23.2018, -13.7103

Monochromacy



Original Color

50.9478, -21.4447, -17.3874



Achromatopsia

39.4875, -2.1070, 2.1454



Achromatomaly

42.3616, -13.9198, -5.7080

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.9478, -21.4447, -17.3874 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 50.9478, -21.4447, -17.3874 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, 177) }
```


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

```
.border{ border-color:rgb(0, 153, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.9478, -21.4447, -17.3874 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, 177) }
```

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

```
.background{ background-color: rgb(0, 153,  
177) }
```

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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