

Converting Colors

HunterLab(48.5556, -27.0360,
-17.8476)

Have a look what the booklet for
HunterLab(48.5556, -27.0360,
-17.8476) contains.

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Color

**HunterLab(49.7524,
-21.5646, -15.6344)**

Conversions

Conversions Part 1

Format	Color
Hex	0096AB
RGB	0, 150, 171
RGB Percent	0%, 59%, 67%
CMY	0.9999, 0.4118, 0.3294
CMYK	1.00, 0.12, 0.00, 0.33
HSL	187°, 100%, 34%
HSV	187°, 100%, 67%
XYZ	18.2571, 24.7530, 42.3437
YIQ	107.5440, -96.1410, -25.2690

Conversions

Conversions Part 2

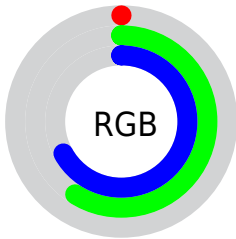
Format	Color
RYB	0, 80, 171
Decimal	38571
CIELab	56.83, -25.45, -20.41
CIELCh	57, 32.619, 218.729
Yxy	24.7539, 0.2139, 0.2900
Android (android.graphics.Color)	4278228651 (0xFF0096AB)
YUV	107.5440, 31.2838, -94.3161
Hunter-Lab	49.7524, -21.5646, -15.6344

Details

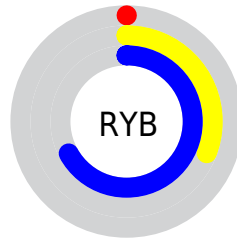
The HunterLab color **49.7524, -21.5646, -15.6344** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30.3242, 47.3765, 19.5133**, and the grayscale version is **38.4661, -2.0525, 2.0899**.

A 20% lighter version of the original color is **71.4170, -25.4171, -16.1719**, and **32.0243, -12.6131, -12.7997** is the 20% darker color. If you saturate the color by 10%, you get **49.7519, -21.5637, -15.6358**, and if you desaturate by 10%, it is **50.5474, -21.9659, -14.4299**.

Distribution



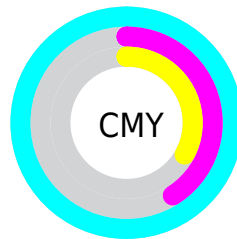
- Red (0%)
- Green (59%)
- Blue (67%)



- Red (0%)
- Yellow (31%)
- Blue (67%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7524, -21.5646, -15.6344 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 49.7524, -21.5646, -15.6344 by changing the saturation by 10% instead.

■ 49.7524, -21.5646,
-15.6344

■ 49.7524, -21.5646,
-15.6344

166.3160,
-38.4744, -16.1040

■ 39.8670, -19.4590,
-15.2863

■ 71.5945, -25.5548,
-16.1316

■ 30.7393, -17.2432,
-14.8748

■ 83.4687, -27.4742,
-16.2871

■ 22.4393, -14.8696,
-14.4113

■ 95.9352, -29.3584,
-16.3844

■ 15.0597, -12.2565,
-13.9398

■ 108.9671,
-31.2153, -16.4269

■ 8.6986, -13.2119,
-13.7276

■ 122.5409,
-33.0510, -16.4174

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 136.6357,

-34.8703, -16.3588

0.0000, NaN, NaN

151.2330,
-36.6770, -16.2536

0.0000, NaN, NaN

■ 49.7524, -21.5646,
-15.6344

■ 49.7524, -21.5646,
-15.6344

■ 49.7519, -21.5637,
-15.6358

■ 50.5474, -21.9659,
-14.4299

■ 51.4417, -21.9871,
-13.0936

■ 52.4705, -21.4984,
-11.5805

■ 53.6436, -20.4691,
-9.8875

■ 54.9665, -18.8900,
-8.0198

■ 56.4412, -16.7691,
-5.9881

■ 58.0671, -14.1269,
-3.8067

■ 59.8417, -10.9932,
-1.4917

■ 61.7609, -7.4038,
0.9400

Harmonies

Analogous

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



49.7533, -26.0845, -1.2419



49.7524, -21.5646, -15.6344



49.7533, -11.8474, -26.7172

Triad

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



49.7533, -21.5644, -15.6336



49.7533, 24.3120, -7.2545



49.7533, -6.5877, 21.6394

Complementary

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



49.7524, -21.5646, -15.6344



30.3242, 47.3765, 19.5133

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.



49.7533, 7.2522, 20.8420



49.7524, -21.5646, -15.6344



49.7533, 26.1114, 6.3588

Square

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



49.7533, -21.5644, -15.6336



49.7533, 14.8971, -21.0414



49.7533, 19.5771, 15.9604



49.7533, -18.0718, 18.5445

Rectangle

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



49.7524, -21.5646, -15.6344



49.7533, -3.2397, -29.3756



49.7533, 19.5771, 15.9604



49.7533, -2.0723, 21.7955

Sweetspot

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



49.7533, -21.5644, -15.6336



77.5840, -19.1167, -5.2593



54.0156, -45.9842, 31.7539



36.2077, -9.7428, -3.0569



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



49.7533, -21.5644, -15.6336



66.4213, -28.6533, -21.1666



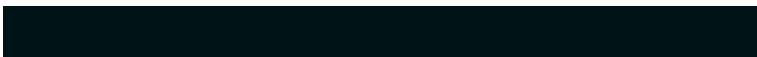
26.0515, 17.9557, -71.3191



29.8356, -3.4459, 0.5333



43.2566, -18.7992, -13.4848



7.5274, -3.5303, -1.7876

Inverse Universe

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



32.9557, 63.1142, -30.5005



44.0773, 84.3817, -40.4946



43.4232, 14.0084, 27.0012



28.5147, 2.0197, -0.5403



28.6216, 54.8330, -26.6029



4.8223, 9.3154, -5.0781

Previews

White Background



This preview shows how the HunterLab color 49.7524, -21.5646, -15.6344 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 49.7524, -21.5646, -15.6344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

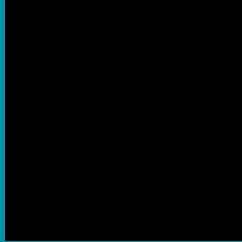
Any Text WCAG AA ✓ Pass

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 49.7524, -21.5646, -15.6344 Background



This preview shows how black text looks on a background with the HunterLab color 49.7524, -21.5646, -15.6344.



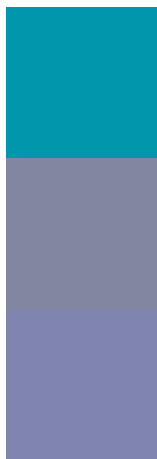
This preview shows how white text looks on a background with the HunterLab color 49.7524, -21.5646, -15.6344.

-21.5646, -15.6344.

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

49.7524, -21.5646, -15.6344

Protanopia

49.3296, 0.7933, -9.5624

Deuteranopia

49.4564, 3.7813, -18.0806



Tritanopia

49.7771, -23.7187, -11.0152

Trichromacy



Original Color

49.7524, -21.5646, -15.6344

Protanomaly

48.2447, -11.7394, -13.6403

Deuteranomaly

48.2396, -9.4296, -19.6576

Tritanomaly

49.8863, -23.0750, -12.5412

Monochromacy



Original Color

49.7524, -21.5646, -15.6344

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.3156, -13.3983, -5.5905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7524, -21.5646, -15.6344 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7524, -21.5646, -15.6344 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, 171) }
```


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

```
.border{ border-color:rgb(0, 150, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7524, -21.5646, -15.6344 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, 171) }
```

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

```
.background{ background-color: rgb(0, 150,  
171) }
```

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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