

Converting Colors

HunterLab(40.7539, -22.4193,
-2.5420)

Have a look what the booklet for
HunterLab(40.7539, -22.4193,
-2.5420) contains.

HunterLab(40.7539, -22.4193, -2.5420)	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(40.7539,
-22.4193, -2.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	007F7B
RGB	0, 127, 123
RGB Percent	0%, 50%, 48%
CMY	0.9999, 0.5020, 0.5176
CMYK	1.00, 0.00, 0.03, 0.50
HSL	178°, 100%, 25%
HSV	178°, 100%, 50%
XYZ	11.1645, 16.6088, 21.3563
YIQ	88.5710, -74.4080, -28.1680

Conversions

Conversions Part 2

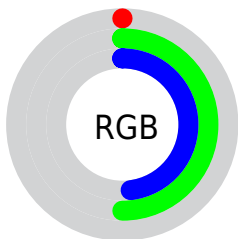
Format	Color
RYB	0, 65, 127
Decimal	32635
CIELab	47.76, -29.97, -6.27
CIELCh	48, 30.619, 191.809
Yxy	16.6094, 0.2272, 0.3381
Android (android.graphics.Color)	4278222715 (0xFF007F7B)
YUV	88.5710, 16.9735, -77.6768
Hunter-Lab	40.7539, -22.4193, -2.5420

Details

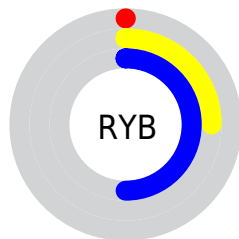
The HunterLab color **40.7539, -22.4193, -2.5420** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.2634, 36.4516, 13.4190**, and the grayscale version is **31.4102, -1.6760, 1.7066**.

A 20% lighter version of the original color is **61.2266, -27.1117, -2.0217**, and **24.0877, -13.3276, -1.3371** is the 20% darker color. If you saturate the color by 10%, you get **40.7545, -22.4199, -2.5414**, and if you desaturate by 10%, it is **40.8690, -21.9408, -2.5772**.

Distribution



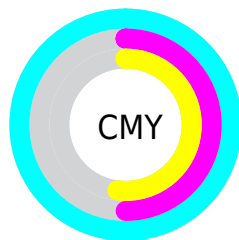
- Red (0%)
- Green (50%)
- Blue (48%)



- Red (0%)
- Yellow (25%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7539, -22.4193, -2.5420 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 40.7539, -22.4193, -2.5420 by changing the saturation by 10% instead.

40.7539, -22.4193,
-2.5420

40.7539, -22.4193,
-2.5420

152.6144,
-41.7124, 1.1550

31.5538, -19.8852,
-2.6988

61.3620, -27.1102,
-2.0429

23.1734, -17.1574,
-2.7836

72.6721, -29.3270,
-1.7136

15.7035, -14.1415,
-2.7837

84.6026, -31.4832,
-1.3369

9.2711, -14.5816,
-2.6853

97.1227, -33.5917,
-0.9162

0.0000, NaN, -NF

0.0000, NaN, NaN

110.2059,
-35.6621, -0.4544

0.0000, NaN, NaN

123.8290,

0.0000, NaN, NaN

-37.7020, 0.0461

0.0000, NaN, NaN

137.9713,
-39.7171, 0.5831

■ 40.7539, -22.4193,
-2.5420

■ 40.7539, -22.4193,
-2.5420

■ 40.7545, -22.4199,
-2.5414

■ 40.8690, -21.9408,
-2.5772

■ 41.0383, -21.2471,
-2.5388

■ 41.2963, -20.2090,
-2.3806

■ 41.6519, -18.7995,
-2.0919

■ 42.1115, -17.0044,
-1.6662

■ 42.6797, -14.8208,
-1.1008

■ 43.3592, -12.2557,
-0.3962

■ 44.1512, -9.3243,
0.4438

■ 45.0554, -6.0482,
1.4133

Harmonies

Analogous

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



40.7547, -21.8888, 8.5017



40.7539, -22.4193, -2.5420



40.7547, -18.0106, -15.3254

Triad

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



40.7547, -22.4194, -2.5415



40.7547, 14.4009, -17.8037



40.7547, 5.2914, 18.0640

Complementary

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



40.7539, -22.4193, -2.5420



21.2634, 36.4516, 13.4190

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.



40.7547, 16.5177, 14.3205



40.7539, -22.4193, -2.5420



40.7547, 22.1823, -5.2584

Square

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



40.7547, -22.4194, -2.5415



40.7547, 2.6609, -25.6979



40.7547, 22.9990, 6.4654



40.7547, -6.7988, 18.4028

Rectangle

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



40.7539, -22.4193, -2.5420



40.7547, -12.5292, -22.3016



40.7547, 22.9990, 6.4654



40.7547, 9.3248, 17.2264

Sweetspot

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



40.7547, -22.4194, -2.5415



57.9511, -16.6663, -0.6048



38.9958, -33.2579, 23.4461



27.8780, -8.6756, -0.4626



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.7547, -22.4194, -2.5415



54.5327, -30.0252, -3.3455



23.7392, 2.6889, -35.4743



22.1012, -2.8113, 0.7370



40.9273, -22.5153, -2.5515

0.0000, NaN, NaN

Inverse Universe

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



21.2634, 36.4516, 13.4190



28.4455, 48.7540, 18.0689



27.6921, 18.1307, 17.3802



20.8477, 0.6145, 1.6330



21.3526, 36.6081, 13.4779

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7539, -22.4193, -2.5420 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.7539, -22.4193, -2.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

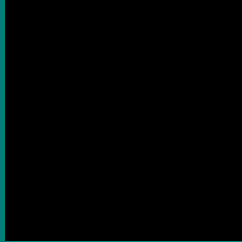
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.7539, -22.4193, -2.5420 Background



This preview shows how black text looks on a background with the HunterLab color 40.7539, -22.4193, -2.5420.



This preview shows how white text looks on a background with the HunterLab color 40.7539,

-22.4193, -2.5420.

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

40.7539, -22.4193, -2.5420

Protanopia

40.5562, -0.9855, 1.7001

Deuteranopia

40.6641, 2.9253, -4.1673



Tritanopia

40.7874, -18.2806, -8.5068

Trichromacy



Original Color

40.7539, -22.4193, -2.5420

Protanomaly

39.2726, -12.7317, -1.4310

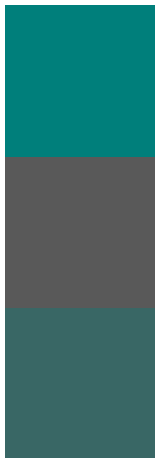
Deuteranomaly

39.3611, -10.3227, -5.6591

Tritanomaly

40.8406, -19.9466, -6.3562

Monochromacy



Original Color

40.7539, -22.4193, -2.5420

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.9263, -12.6153, -0.8321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7539, -22.4193, -2.5420 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, 127, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 123)  
}
```

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, 127, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7539, -22.4193, -2.5420 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, 127, 123) }
```


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

```
.border{ border-color:rgb(0, 127, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 127, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7539, -22.4193, -2.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 123) }
```

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

```
.background{ background-color: rgb(0, 127,  
123) }
```

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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