

Converting Colors

HunterLab(34.3281, -51.4836,
-4.2137)

Have a look what the booklet for
HunterLab(34.3281, -51.4836,
-4.2137) contains.

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Color

**HunterLab(40.3255,
-24.9939, 3.5513)**

Conversions

Conversions Part 1

Format	Color
Hex	007F6C
RGB	0, 127, 108
RGB Percent	0%, 50%, 42%
CMY	1.0000, 0.5020, 0.5765
CMYK	1.00, 0.00, 0.15, 0.50
HSL	171°, 100%, 25%
HSV	171°, 100%, 50%
XYZ	10.2962, 16.2615, 16.7835
YIQ	86.8610, -69.5930, -32.8330

Conversions

Conversions Part 2

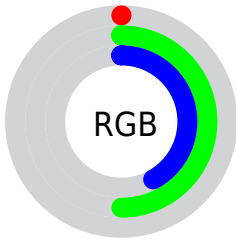
Format	Color
RYB	0, 69, 127
Decimal	32620
CIELab	47.32, -34.56, 1.93
CIELCh	47, 34.616, 176.803
Yxy	16.2621, 0.2376, 0.3752
Android (android.graphics.Color)	4278222700 (0xFF007F6C)
YUV	86.8610, 10.4215, -76.1771
Hunter-Lab	40.3255, -24.9939, 3.5513

Details

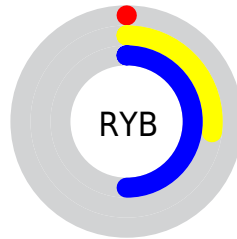
The HunterLab color **40.3255, -24.9939, 3.5513** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.3530, 36.7850, 12.0894**, and the grayscale version is **30.8040, -1.6436, 1.6736**.

A 20% lighter version of the original color is **60.7052, -30.1133, 4.8428**, and **23.7585, -15.3103, 3.3544** is the 20% darker color. If you saturate the color by 10%, you get **40.3261, -24.9947, 3.5523**, and if you desaturate by 10%, it is **40.4800, -24.2726, 2.9532**.

Distribution



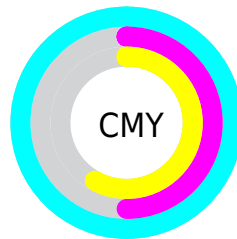
- Red (0%)
- Green (50%)
- Blue (42%)



- Red (0%)
- Yellow (27%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3255, -24.9939, 3.5513 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 40.3255, -24.9939, 3.5513 by changing the saturation by 10% instead.

40.3255, -24.9939,
3.5513

40.3255, -24.9939,
3.5513

151.9484,
-46.4848, 10.4042

31.1606, -22.1092,
2.9369

60.8708, -30.2906,
4.8763

22.8188, -18.9839,
2.3550

72.1524, -32.7756,
5.5839

15.3922, -15.5033,
1.8063

84.0557, -35.1827,
6.3204

8.9999, -15.7498,
1.3789

96.5501, -37.5275,
7.0847

0.0000, NaN, NaN

0.0000, NaN, NaN

109.6086,
-39.8218, 7.8761

0.0000, NaN, NaN

123.2080,

0.0000, NaN, NaN

-42.0749, 8.6936

0.0000, NaN, NaN

137.3274,
-44.2939, 9.5365

■ 40.3255, -24.9939,
3.5513

■ 40.3255, -24.9939,
3.5513

■ 40.3261, -24.9947,
3.5523

■ 40.4800, -24.2726,
2.9532

■ 40.6899, -23.3277,
2.4123

■ 40.9898, -22.0295,
1.9735

■ 41.3883, -20.3535,
1.6507

■ 41.8918, -18.2888,
1.4543

■ 42.5042, -15.8357,
1.3912

■ 43.2282, -13.0047,
1.4651

■ 44.0643, -9.8140,
1.6768

■ 45.0123, -6.2877,
2.0243

Harmonies

Analogous

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



40.3263, -21.7083, 13.5364



40.3255, -24.9939, 3.5513



40.3263, -22.8590, -10.6451

Triad

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



40.3263, -24.9941, 3.5517



40.3263, 10.2697, -26.7554



40.3263, 13.1126, 17.9059

Complementary

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



40.3255, -24.9939, 3.5513



21.3530, 36.7850, 12.0894

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.



40.3263, 23.8124, 11.8417



40.3255, -24.9939, 3.5513



40.3263, 22.0249, -13.8544

Square

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



40.3263, -24.9941, 3.5517



40.3263, -3.5953, -31.1859



40.3263, 27.2698, 0.7896



40.3263, -0.6919, 19.9193

Rectangle

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



40.3255, -24.9939, 3.5513



40.3263, -18.4715, -20.3538



40.3263, 27.2698, 0.7896



40.3263, 17.2581, 16.3971

Sweetspot

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



40.3263, -24.9941, 3.5517



57.7717, -17.6930, 1.9473



39.1387, -32.6481, 23.5450



27.7809, -9.2332, 0.9173



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.



40.3263, -24.9941, 3.5517



53.9474, -33.5437, 4.9816



27.6607, -3.9411, -26.0643



22.0821, -2.9175, 1.0094



40.4969, -25.1019, 3.5701

0.0000, NaN, NaN

Inverse Universe

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



21.3530, 36.7850, 12.0894



28.5470, 49.1305, 16.5639



25.1950, 24.4223, 15.9518



20.8661, 0.7135, 1.3708



21.4425, 36.9414, 12.1464

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.3255, -24.9939, 3.5513 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 40.3255, -24.9939, 3.5513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

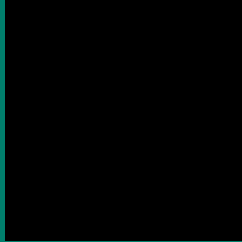
Any Text WCAG AA × Fail

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 40.3255, -24.9939, 3.5513 Background



This preview shows how black text looks on a background with the HunterLab color 40.3255, -24.9939, 3.5513.



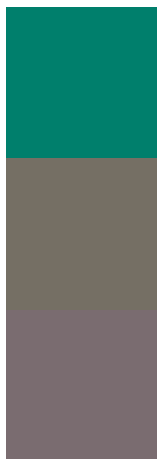
This preview shows how white text looks on a background with the HunterLab color 40.3255,

-24.9939, 3.5513.

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

40.3255, -24.9939, 3.5513

Protanopia

40.0885, -1.9367, 6.8370

Deuteranopia

40.0407, 2.6527, 2.0206



Tritanopia

40.2920, -17.1534, -8.1258

Trichromacy



Original Color

40.3255, -24.9939, 3.5513

Protanomaly

38.9329, -14.7951, 4.1897

Deuteranomaly

38.7671, -11.9361, 0.6787

Tritanomaly

40.0658, -20.2213, -3.8839

Monochromacy



Original Color

40.3255, -24.9939, 3.5513

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

33.3784, -13.5312, 1.0997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3255, -24.9939, 3.5513 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, 108)` looks like.

```
.text, #text, p{  
  color:rgb(0, 127, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3255, -24.9939, 3.5513 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, 108) }
```


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

```
.border{ border-color:rgb(0, 127, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3255, -24.9939, 3.5513 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, 108) }
```

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

```
.background{ background-color: rgb(0, 127,  
108) }
```

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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