

Converting Colors

HunterLab(39.0751, -31.4184,
0.6777)

Have a look what the booklet for
HunterLab(39.0751, -31.4184,
0.6777) contains.

HunterLab(40.7260, -24.8619, 2.7658)	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(40.7260,
-24.8619, 2.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	00806F
RGB	0, 128, 111
RGB Percent	0%, 50%, 44%
CMY	1.0000, 0.4980, 0.5647
CMYK	1.00, 0.00, 0.13, 0.50
HSL	172°, 100%, 25%
HSV	172°, 100%, 50%
XYZ	10.5884, 16.5861, 17.6823
YIQ	87.7900, -70.8310, -32.4230

Conversions

Conversions Part 2

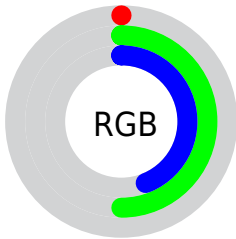
Format	Color
RYB	0, 69, 128
Decimal	32879
CIELab	47.74, -34.13, 0.77
CIELCh	48, 34.140, 178.706
Yxy	16.5867, 0.2361, 0.3698
Android (android.graphics.Color)	4278222959 (0xFF00806F)
YUV	87.7900, 11.4425, -76.9918
Hunter-Lab	40.7260, -24.8619, 2.7658

Details

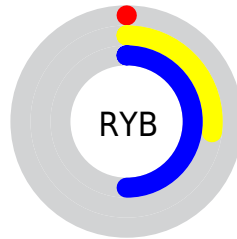
The HunterLab color **40.7260, -24.8619, 2.7658** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.5178, 37.0348, 12.4447**, and the grayscale version is **31.1417, -1.6616, 1.6920**.

A 20% lighter version of the original color is **61.4864, -30.2424, 3.9456**, and **24.0991, -15.3486, 3.0114** is the 20% darker color. If you saturate the color by 10%, you get **40.7266, -24.8627, 2.7668**, and if you desaturate by 10%, it is **40.8761, -24.1681, 2.2317**.

Distribution



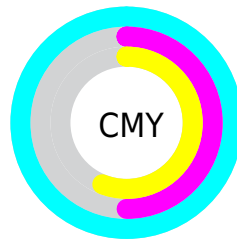
- Red (0%)
- Green (50%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7260, -24.8619, 2.7658 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 40.7260, -24.8619, 2.7658 by changing the saturation by 10% instead.

■ 40.7260, -24.8619,
2.7658

■ 40.7260, -24.8619,
2.7658

152.5711,
-46.1225, 9.1616

■ 31.5282, -22.0178,
2.2200

■ 61.3301, -30.0917,
3.9691

■ 23.1503, -18.9409,
1.7138

■ 72.6383, -32.5480,
4.6217

■ 15.6832, -15.5206,
1.2509

■ 84.5670, -34.9289,
5.3060

■ 9.2537, -16.1940,
0.8490

■ 97.0855, -37.2493,
6.0208

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.1671,
-39.5208, 6.7648

0.0000, NaN, NaN

■ 123.7886,

0.0000, NaN, NaN

-41.7523, 7.5369

0.0000, NaN, NaN

137.9294,
-43.9510, 8.3361

■ 40.7260, -24.8619,
2.7658

■ 40.7260, -24.8619,
2.7658

■ 40.7266, -24.8627,
2.7668

■ 40.8761, -24.1681,
2.2317

■ 41.0823, -23.2488,
1.7591

■ 41.3790, -21.9746,
1.3932

■ 41.7751, -20.3203,
1.1477

■ 42.2769, -18.2742,
1.0323

■ 42.8887, -15.8364,
1.0536

■ 43.6129, -13.0168,
1.2147

■ 44.4505, -9.8332,
1.5157

■ 45.4010, -6.3098,
1.9540

Harmonies

Analogous

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



40.7268, -21.9332, 13.0019



40.7260, -24.8619, 2.7658



40.7268, -22.3964, -11.3974

Triad

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



40.7268, -24.8621, 2.7663



40.7268, 10.9513, -25.6655



40.7268, 12.0877, 18.0897

Complementary

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



40.7260, -24.8619, 2.7658



21.5178, 37.0348, 12.4447

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.



40.7268, 22.9714, 12.3182



40.7260, -24.8619, 2.7658



40.7268, 22.2579, -12.6764

Square

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



40.7268, -24.8621, 2.7663



40.7268, -2.7552, -30.6796



40.7268, 26.9110, 1.6597



40.7268, -1.5920, 19.8943

Rectangle

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



40.7260, -24.8619, 2.7658



40.7268, -17.8191, -20.8271



40.7268, 26.9110, 1.6597



40.7268, 16.2569, 16.6652

Sweetspot

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



40.7268, -24.8621, 2.7663



57.7967, -17.5496, 1.5908



39.4447, -33.0424, 23.7266



27.7944, -9.1555, 0.7249



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.



40.7268, -24.8621, 2.7663



54.0251, -33.0743, 3.8713



27.3026, -3.0319, -27.5793



22.0848, -2.9025, 0.9709



40.5541, -24.7562, 2.7525

0.0000, NaN, NaN

Inverse Universe

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



21.5178, 37.0348, 12.4447



28.5272, 49.0569, 16.8578



25.7251, 23.7905, 16.2673



20.8635, 0.6994, 1.4082



21.4261, 36.8808, 12.3881

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7260, -24.8619, 2.7658 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 40.7260, -24.8619, 2.7658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

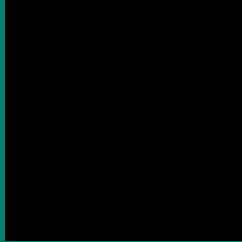
Any Text WCAG AA × Fail

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 40.7260, -24.8619, 2.7658 Background



This preview shows how black text looks on a background with the HunterLab color 40.7260, -24.8619, 2.7658.



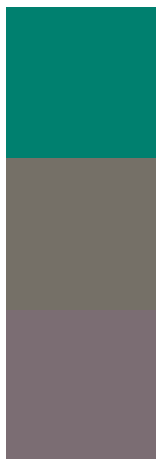
This preview shows how white text looks on a background with the HunterLab color 40.7260, -24.8619, 2.7658.

-24.8619, 2.7658.

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

40.7260, -24.8619, 2.7658

Protanopia

40.4345, -1.9886, 6.0650

Deuteranopia

40.4797, 2.9403, 1.2382



Tritanopia

40.9559, -17.6295, -8.2545

Trichromacy



Original Color

40.7260, -24.8619, 2.7658

Protanomaly

39.3107, -14.7407, 3.3991

Deuteranomaly

39.1477, -11.8567, -0.1955

Tritanomaly

40.7414, -20.6602, -3.9822

Monochromacy



Original Color

40.7260, -24.8619, 2.7658

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

33.7428, -13.5957, 1.1093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7260, -24.8619, 2.7658 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, 128, 111)` looks like.

```
.text, #text, p{  
  color:rgb(0, 128, 111)  
}
```

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, 128, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7260, -24.8619, 2.7658 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, 128, 111) }
```


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

```
.border{ border-color:rgb(0, 128, 111) }
```

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

Here you see how a box with a 4 pixel rgb(0, 128, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7260, -24.8619, 2.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 111) }
```

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

```
.background{ background-color: rgb(0, 128,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor