

Converting Colors

HunterLab(36.0419, -43.9605,
-3.0759)

Have a look what the booklet for
HunterLab(36.0419, -43.9605,
-3.0759) contains.

HunterLab(40.4060, -24.5079, 2.4015)	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(40.4060,
-24.5079, 2.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	007F6F
RGB	0, 127, 111
RGB Percent	0%, 50%, 44%
CMY	1.0000, 0.5020, 0.5647
CMYK	1.00, 0.00, 0.13, 0.50
HSL	172°, 100%, 25%
HSV	172°, 100%, 50%
XYZ	10.4586, 16.3264, 17.6390
YIQ	87.2030, -70.5560, -31.9000

Conversions

Conversions Part 2

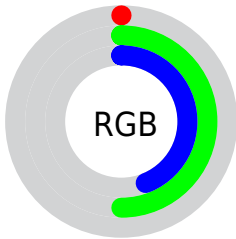
Format	Color
RYB	0, 68, 127
Decimal	32623
CIELab	47.40, -33.68, 0.28
CIELCh	47, 33.679, 179.518
Yxy	16.3271, 0.2354, 0.3675
Android (android.graphics.Color)	4278222703 (0xFF007F6F)
YUV	87.2030, 11.7319, -76.4770
Hunter-Lab	40.4060, -24.5079, 2.4015

Details

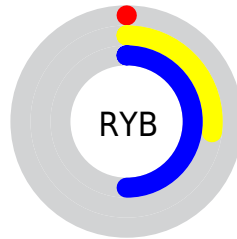
The HunterLab color **40.4060, -24.5079, 2.4015** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.3305, 36.7016, 12.4223**, and the grayscale version is **30.9250, -1.6501, 1.6802**.

A 20% lighter version of the original color is **60.8213, -29.4264, 3.1847**, and **23.8047, -15.0304, 2.6925** is the 20% darker color. If you saturate the color by 10%, you get **40.4066, -24.5087, 2.4024**, and if you desaturate by 10%, it is **40.5536, -23.8295, 1.9028**.

Distribution



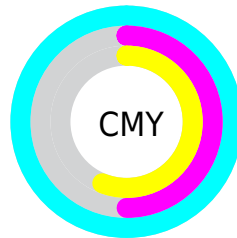
- Red (0%)
- Green (50%)
- Blue (44%)



- 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 40.4060, -24.5079, 2.4015 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 40.4060, -24.5079, 2.4015 by changing the saturation by 10% instead.

40.4060, -24.5079,
2.4015

40.4060, -24.5079,
2.4015

152.0737,
-45.5724, 8.5933

31.2344, -21.6914,
1.8859

60.9632, -29.6869,
3.5508

22.8854, -18.6435,
1.4131

72.2501, -32.1198,
4.1788

15.4506, -15.2535,
0.9877

84.1586, -34.4782,
4.8399

9.0515, -15.8402,
0.6226

96.6577, -36.7772,
5.5325

0.0000, NaN, NaN

0.0000, NaN, NaN

109.7209,
-39.0281, 6.2553

0.0000, NaN, NaN

123.3247,

0.0000, NaN, NaN

-41.2398, 7.0071

0.0000, NaN, NaN

137.4485,
-43.4194, 7.7867

■ 40.4060, -24.5079,
2.4015

■ 40.4060, -24.5079,
2.4015

■ 40.4066, -24.5087,
2.4024

■ 40.5536, -23.8295,
1.9028

■ 40.7563, -22.9299,
1.4659

■ 41.0485, -21.6793,
1.1360

■ 41.4392, -20.0529,
0.9265

■ 41.9344, -18.0389,
0.8470

■ 42.5385, -15.6372,
0.9035

■ 43.2539, -12.8574,
1.0988

■ 44.0815, -9.7172,
1.4328

■ 45.0208, -6.2402,
1.9027

Harmonies

Analogous

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



40.4068, -21.7632, 12.6183



40.4060, -24.5079, 2.4015



40.4068, -21.9335, -11.5742

Triad

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



40.4068, -24.5081, 2.4020



40.4068, 11.1031, -24.9101



40.4068, 11.5197, 17.9491

Complementary

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



40.4060, -24.5079, 2.4015



21.3305, 36.7016, 12.4223

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.



40.4068, 22.3480, 12.3666



40.4060, -24.5079, 2.4015



40.4068, 22.0865, -12.0426

Square

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



40.4068, -24.5081, 2.4020



40.4068, -2.3714, -30.1015



40.4068, 26.4386, 1.9959



40.4068, -1.9445, 19.6442

Rectangle

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



40.4060, -24.5079, 2.4015



40.4068, -17.3317, -20.7727



40.4068, 26.4386, 1.9959



40.4068, 15.6485, 16.5764

Sweetspot

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



40.4068, -24.5081, 2.4020



57.8069, -17.4910, 1.4452



39.1126, -32.7592, 23.5270



27.7999, -9.1237, 0.6464



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.



40.4068, -24.5081, 2.4020



54.0572, -32.8805, 3.4128



27.0818, -3.0219, -27.3248



22.0859, -2.8964, 0.9552



40.5777, -24.6136, 2.4150

0.0000, NaN, NaN

Inverse Universe

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



21.3305, 36.7016, 12.4223



28.5197, 49.0291, 16.9687



25.5175, 23.5643, 16.1355



20.8624, 0.6936, 1.4235



21.4199, 36.8578, 12.4801

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.4060, -24.5079, 2.4015 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 40.4060, -24.5079, 2.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

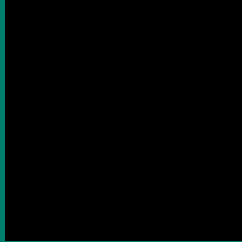
Any Text WCAG AA × Fail

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 40.4060, -24.5079, 2.4015 Background



This preview shows how black text looks on a background with the HunterLab color 40.4060, -24.5079, 2.4015.



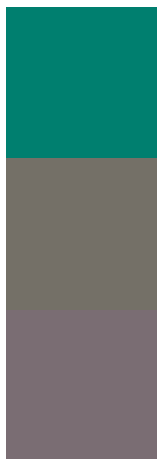
This preview shows how white text looks on a background with the HunterLab color 40.4060,

-24.5079, 2.4015.

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

40.4060, -24.5079, 2.4015

Protanopia

40.3492, -2.2853, 5.9675

Deuteranopia

40.3889, 2.6358, 1.1235



Tritanopia

40.5914, -17.5157, -8.2384

Trichromacy



Original Color

40.4060, -24.5079, 2.4015

Protanomaly

39.0116, -14.3388, 3.0642

Deuteranomaly

39.1477, -11.8567, -0.1955

Tritanomaly

40.4279, -20.2806, -4.3915

Monochromacy



Original Color

40.4060, -24.5079, 2.4015

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

33.4058, -13.3715, 0.7095

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4060, -24.5079, 2.4015 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 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, 127, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4060, -24.5079, 2.4015 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, 111) }
```


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

```
.border{ border-color:rgb(0, 127, 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, 127, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4060, -24.5079, 2.4015 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, 111) }
```

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

```
.background{ background-color: rgb(0, 127,  
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](#).

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