

Converting Colors

HunterLab(38.2191, -32.6358,
-2.3562)

Have a look what the booklet for
HunterLab(38.2191, -32.6358,
-2.3562) contains.

HunterLab(40.5173, -23.8373, 0.8147)	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(40.5173,
-23.8373, 0.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	007F73
RGB	0, 127, 115
RGB Percent	0%, 50%, 45%
CMY	1.0000, 0.5020, 0.5490
CMYK	1.00, 0.00, 0.09, 0.50
HSL	174°, 100%, 25%
HSV	174°, 100%, 50%
XYZ	10.6839, 16.4165, 18.8252
YIQ	87.6590, -71.8400, -30.6560

Conversions

Conversions Part 2

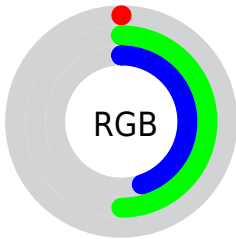
Format	Color
RYB	0, 67, 127
Decimal	32627
CIELab	47.52, -32.47, -1.91
CIELCh	48, 32.528, 183.361
Yxy	16.4171, 0.2326, 0.3575
Android (android.graphics.Color)	4278222707 (0xFF007F73)
YUV	87.6590, 13.4791, -76.8769
Hunter-Lab	40.5173, -23.8373, 0.8147

Details

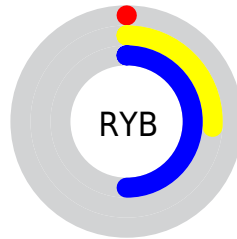
The HunterLab color **40.5173, -23.8373, 0.8147** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.3050, 36.6070, 12.7997**, and the grayscale version is **31.0865, -1.6587, 1.6890**.

A 20% lighter version of the original color is **60.9410, -28.7202, 1.4800**, and **23.9019, -14.4431, 1.3032** is the 20% darker color. If you saturate the color by 10%, you get **40.5179, -23.8380, 0.8155**, and if you desaturate by 10%, it is **40.6550, -23.2206, 0.4587**.

Distribution



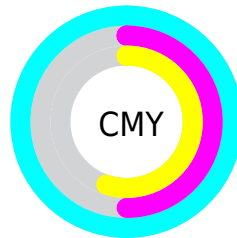
- Red (0%)
- Green (50%)
- Blue (45%)



- Red (0%)
- Yellow (26%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5173, -23.8373, 0.8147 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 40.5173, -23.8373, 0.8147 by changing the saturation by 10% instead.

40.5173, -23.8373,
0.8147

40.5173, -23.8373,
0.8147

152.2468,
-44.3224, 6.1476

31.3366, -21.1134,
0.4254

61.0908, -28.8565,
1.7377

22.9775, -18.1705,
0.0907

72.3851, -31.2186,
2.2625

15.5315, -14.9031,
-0.1803

84.3007, -33.5109,
2.8256

9.1224, -15.9642,
-0.3827

96.8066, -35.7476,
3.4249

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8762,
-37.9395, 4.0583

0.0000, NaN, NaN

123.4861,

0.0000, NaN, NaN

-40.0951, 4.7242

0.0000, NaN, NaN

137.6158,
-42.2209, 5.4210

■ 40.5173, -23.8373,
0.8147

■ 40.5173, -23.8373,
0.8147

■ 40.5179, -23.8380,
0.8155

■ 40.6550, -23.2206,
0.4587

■ 40.8473, -22.3852,
0.1698

■ 41.1288, -21.2016,
-0.0066

■ 41.5084, -19.6441,
-0.0580

■ 41.9923, -17.7002,
0.0241

■ 42.5848, -15.3690,
0.2448

■ 43.2885, -12.6591,
0.6056

■ 44.1044, -9.5873,
1.1054

■ 45.0322, -6.1766,
1.7401

Harmonies

Analogous

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



40.5181, -21.8215, 11.3261



40.5173, -23.8373, 0.8147



40.5181, -20.6650, -12.8192

Triad

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



40.5181, -23.8374, 0.8152



40.5181, 12.2091, -22.4907



40.5181, 9.4174, 17.9975

Complementary

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



40.5173, -23.8373, 0.8147



21.3050, 36.6070, 12.7997

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.



40.5181, 20.3983, 13.0432



40.5173, -23.8373, 0.8147



40.5181, 22.1449, -9.6986

Square

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



40.5181, -23.8374, 0.8152



40.5181, -0.7177, -28.6434



40.5181, 25.3113, 3.5482



40.5181, -3.5905, 19.2560

Rectangle

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



40.5173, -23.8373, 0.8147



40.5181, -15.7739, -21.3085



40.5181, 25.3113, 3.5482



40.5181, 13.5192, 16.8047

Sweetspot

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



40.5181, -23.8374, 0.8152



57.8544, -17.2191, 0.7692



39.0674, -32.9515, 23.4958



27.8256, -8.9761, 0.2812



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.



40.5181, -23.8374, 0.8152



54.2092, -31.9646, 1.2457



25.9418, -1.1566, -29.9265



22.0910, -2.8681, 0.8827



40.6896, -23.9399, 0.8209

0.0000, NaN, NaN

Inverse Universe

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



21.3050, 36.6070, 12.7997



28.4893, 48.9166, 17.4183



26.1975, 21.8013, 16.5237



20.8575, 0.6672, 1.4935



21.3943, 36.7631, 12.8584

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.5173, -23.8373, 0.8147 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 40.5173, -23.8373, 0.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

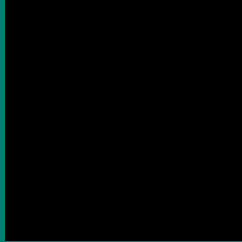
Any Text WCAG AA × Fail

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 40.5173, -23.8373, 0.8147 Background



This preview shows how black text looks on a background with the HunterLab color 40.5173, -23.8373, 0.8147.



This preview shows how white text looks on a background with the HunterLab color 40.5173,

-23.8373, 0.8147.

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

40.5173, -23.8373, 0.8147

Protanopia

40.4252, -1.8694, 4.8782

Deuteranopia

40.3265, 2.6592, -0.7644



Tritanopia

40.5507, -17.6727, -8.2992

Trichromacy



Original Color

40.5173, -23.8373, 0.8147

Protanomaly

39.0929, -13.8682, 1.9033

Deuteranomaly

39.1603, -11.5719, -2.0220

Tritanomaly

40.4330, -20.1966, -4.8819

Monochromacy



Original Color

40.5173, -23.8373, 0.8147

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

33.5042, -12.8843, -0.0289

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5173, -23.8373, 0.8147 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, 115)` looks like.

```
.text, #text, p{  
  color:rgb(0, 127, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5173, -23.8373, 0.8147 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, 115) }
```


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

```
.border{ border-color:rgb(0, 127, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5173, -23.8373, 0.8147 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, 115) }
```

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

```
.background{ background-color: rgb(0, 127,  
115) }
```

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