

Converting Colors

HunterLab(40.0103, -19.2971,
-8.3525)

Have a look what the booklet for
HunterLab(40.0103, -19.2971,
-8.3525) contains.

HunterLab(40.1357, -19.3534, -8.3877)	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(40.1357,
-19.3534, -8.3877)**

Conversions

Conversions Part 1

Format	Color
Hex	007C85
RGB	0, 124, 133
RGB Percent	0%, 49%, 52%
CMY	0.9999, 0.5137, 0.4784
CMYK	1.00, 0.07, 0.00, 0.48
HSL	184°, 100%, 26%
HSV	184°, 100%, 52%
XYZ	11.4413, 16.1087, 24.6965
YIQ	87.9500, -76.7930, -23.4890

Conversions

Conversions Part 2

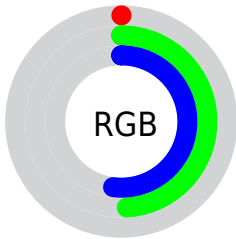
Format	Color
RYB	0, 64, 133
Decimal	31877
CIELab	47.12, -25.18, -13.15
CIELCh	47, 28.403, 207.574
Yxy	16.1093, 0.2190, 0.3083
Android (android.graphics.Color)	4278221957 (0xFF007C85)
YUV	87.9500, 22.2096, -77.1321
Hunter-Lab	40.1357, -19.3534, -8.3877

Details

The HunterLab color **40.1357, -19.3534, -8.3877** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.7649, 36.7759, 14.6701**, and the grayscale version is **31.1642, -1.6628, 1.6932**.

A 20% lighter version of the original color is **60.6492, -23.5373, -8.4536**, and **23.8165, -10.8279, -6.3943** is the 20% darker color. If you saturate the color by 10%, you get **40.1359, -19.3534, -8.3879**, and if you desaturate by 10%, it is **40.5263, -19.2753, -7.8301**.

Distribution



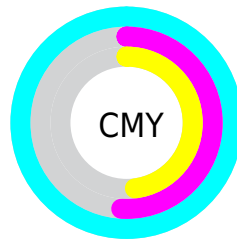
- Red (0%)
- Green (49%)
- Blue (52%)



- Red (0%)
- Yellow (25%)
- Blue (52%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1357, -19.3534, -8.3877 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 40.1357, -19.3534, -8.3877 by changing the saturation by 10% instead.

40.1357, -19.3534,
-8.3877

40.1357, -19.3534,
-8.3877

151.6529,
-36.4364, -7.1133

30.9864, -17.1608,
-8.2248

60.6530, -23.4453,
-8.4947

22.6618, -14.8147,
-7.9824

71.9218, -25.3938,
-8.4519

15.2546, -12.2356,
-7.6591

83.8132, -27.2978,
-8.3514

8.8767, -12.8333,
-7.3247

96.2960, -29.1677,
-8.1975

0.0000, NaN, -NF

0.0000, NaN, NaN

109.3436,
-31.0111, -7.9939

0.0000, NaN, NaN

122.9324,

0.0000, NaN, NaN

-32.8340, -7.7435

0.0000, NaN, NaN

137.0417,
-34.6412, -7.4492

■ 40.1357, -19.3534,
-8.3877

■ 40.1357, -19.3534,
-8.3877

■ 40.1359, -19.3534,
-8.3879

■ 40.5263, -19.2753,
-7.8301

■ 40.9785, -18.9568,
-7.1877

■ 41.5268, -18.2690,
-6.4138

■ 42.1793, -17.1875,
-5.5027

■ 42.9411, -15.7026,
-4.4539

■ 43.8151, -13.8159,
-3.2712

■ 44.8024, -11.5389,
-1.9613

■ 45.9023, -8.8905,
-0.5334

■ 47.1133, -5.8948,
1.0020

Harmonies

Analogous

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



40.1364, -21.3070, 3.0340



40.1357, -19.3534, -8.3877



40.1364, -12.9516, -18.9905

Triad

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



40.1364, -19.3534, -8.3871



40.1364, 17.4918, -10.2877



40.1364, -1.2370, 17.6286

Complementary

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



40.1357, -19.3534, -8.3877



22.7649, 36.7759, 14.6701

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.



40.1364, 9.9445, 15.8142



40.1357, -19.3534, -8.3877



40.1364, 21.4649, 1.3165

Square

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



40.1364, -19.3534, -8.3871



40.1364, 8.2136, -20.2809



40.1364, 18.5650, 10.4872



40.1364, -11.5468, 16.3289

Rectangle

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



40.1357, -19.3534, -8.3877



40.1364, -6.6306, -23.1078



40.1364, 18.5650, 10.4872



40.1364, 2.5494, 17.3769

Sweetspot

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



40.1364, -19.3534, -8.3871



59.8577, -15.6697, -2.7517



40.9815, -34.9713, 24.2713



28.1808, -7.9762, -1.6104



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



40.1364, -19.3534, -8.3871



53.6244, -25.7934, -11.3454



21.6423, 9.3777, -47.2918



22.8613, -2.7213, 0.5514



39.1772, -18.8956, -8.1779



2.3916, -1.2166, -0.3629

Inverse Universe

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



25.3816, 49.1963, -28.0436



33.9510, 65.7904, -37.3505



31.7329, 13.1756, 19.7834



21.8118, 1.4763, -0.4820



24.7717, 48.0197, -27.3829



1.4719, 2.8746, -1.7927

Previews

White Background



This preview shows how the HunterLab color 40.1357, -19.3534, -8.3877 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 40.1357, -19.3534, -8.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

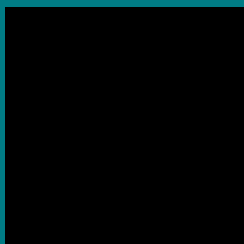
Any Text WCAG AA × Fail

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 40.1357, -19.3534, -8.3877 Background



This preview shows how black text looks on a background with the HunterLab color 40.1357, -19.3534, -8.3877.



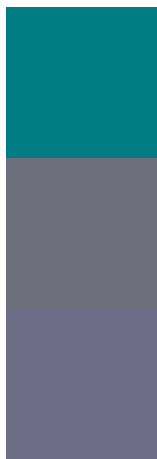
This preview shows how white text looks on a background with the HunterLab color 40.1357,

-19.3534, -8.3877.

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

40.1357, -19.3534, -8.3877

Protanopia

40.1735, -0.3098, -3.3933

Deuteranopia

40.0373, 2.7974, -9.7735



Tritanopia

40.2345, -18.8989, -8.7747

Trichromacy



Original Color

40.1357, -19.3534, -8.3877

Protanomaly

39.1474, -11.0470, -6.4808

Deuteranomaly

38.8407, -8.6119, -11.2071

Tritanomaly

40.2104, -18.9927, -8.8111

Monochromacy



Original Color

40.1357, -19.3534, -8.3877

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

33.3880, -11.4717, -2.8843

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1357, -19.3534, -8.3877 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, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 133)  
}
```

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, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1357, -19.3534, -8.3877 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, 124, 133) }
```


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

```
.border{ border-color:rgb(0, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1357, -19.3534, -8.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 133) }
```

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

```
.background{ background-color: rgb(0, 124,  
133) }
```

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