

Converting Colors

HunterLab(40.5874, -18.9172,
-9.8940)

Have a look what the booklet for
HunterLab(40.5874, -18.9172,
-9.8940) contains.

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Color

**HunterLab(40.5874,
-18.9172, -9.8940)**

Conversions

Conversions Part 1

Format	Color
Hex	007D89
RGB	0, 125, 137
RGB Percent	0%, 49%, 54%
CMY	0.9999, 0.5098, 0.4627
CMYK	1.00, 0.09, 0.00, 0.46
HSL	185°, 100%, 27%
HSV	185°, 100%, 54%
XYZ	11.8490, 16.4734, 26.2221
YIQ	88.9930, -78.3520, -22.7680

Conversions

Conversions Part 2

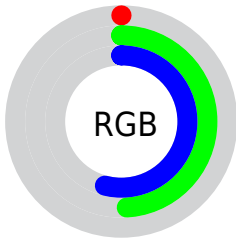
Format	Color
RYB	0, 65, 137
Decimal	32137
CIELab	47.59, -24.32, -14.79
CIELCh	48, 28.463, 211.317
Yxy	16.4740, 0.2172, 0.3020
Android (android.graphics.Color)	4278222217 (0xFF007D89)
YUV	88.9930, 23.6675, -78.0469
Hunter-Lab	40.5874, -18.9172, -9.8940

Details

The HunterLab color **40.5874, -18.9172, -9.8940** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.6259, 37.5954, 15.2150**, and the grayscale version is **31.5429, -1.6831, 1.7138**.

A 20% lighter version of the original color is **61.1535, -23.0074, -9.9510**, and **24.2012, -10.6019, -7.3630** is the 20% darker color. If you saturate the color by 10%, you get **40.5875, -18.9171, -9.8943**, and if you desaturate by 10%, it is **41.0739, -18.9522, -9.1857**.

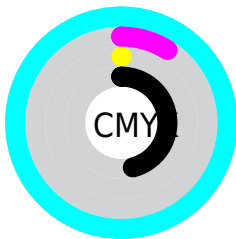
Distribution



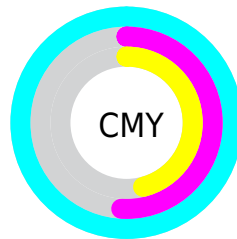
- Red (0%)
- Green (49%)
- Blue (54%)



- Red (0%)
- Yellow (25%)
- Blue (54%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5874, -18.9172, -9.8940 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 40.5874, -18.9172, -9.8940 by changing the saturation by 10% instead.

40.5874, -18.9172,
-9.8940

40.5874, -18.9172,
-9.8940

152.3557,
-35.5867, -9.1297

31.4009, -16.7927,
-9.6705

61.1712, -22.8934,
-10.1226

23.0355, -14.5250,
-9.3703

72.4701, -24.7912,
-10.1392

15.5824, -12.0405,
-8.9979

84.3901, -26.6481,
-10.0969

9.1667, -12.0486,
-8.6059

96.9002, -28.4737,
-9.9998

0.0000, NaN, -NF

0.0000, NaN, NaN

109.9739,
-30.2753, -9.8516

0.0000, NaN, NaN

123.5877,

0.0000, NaN, NaN

-32.0585, -9.6554

0.0000, NaN, NaN

137.7211,
-33.8278, -9.4139

■ 40.5874, -18.9172,
-9.8940

■ 40.5874, -18.9172,
-9.8940

■ 40.5875, -18.9171,
-9.8943

■ 41.0739, -18.9522,
-9.1857

■ 41.6265, -18.7305,
-8.3878

■ 42.2799, -18.1238,
-7.4537

■ 43.0418, -17.1082,
-6.3790

■ 43.9170, -15.6751,
-5.1649

■ 44.9080, -13.8282,
-3.8168

■ 46.0152, -11.5806,
-2.3433

■ 47.2376, -8.9531,
-0.7549

■ 48.5730, -5.9714,
0.9368

Harmonies

Analogous

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



40.5881, -21.4653, 1.7376



40.5874, -18.9172, -9.8940



40.5881, -11.9597, -20.0807

Triad

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



40.5881, -18.9171, -9.8934



40.5881, 18.4188, -8.8567



40.5881, -2.6596, 17.7741

Complementary

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



40.5874, -18.9172, -9.8940



23.6259, 37.5954, 15.2150

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.



40.5881, 8.6504, 16.3444



40.5874, -18.9172, -9.8940



40.5881, 21.5826, 2.6755

Square

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



40.5881, -18.9171, -9.8934



40.5881, 9.5952, -19.3772



40.5881, 17.8332, 11.4495



40.5881, -12.7272, 16.0626

Rectangle

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



40.5874, -18.9172, -9.8940



40.5881, -5.3561, -23.5841



40.5881, 17.8332, 11.4495



40.5881, 1.1219, 17.6483

Sweetspot

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



40.5881, -18.9171, -9.8934



61.4729, -15.7167, -3.2740



42.3283, -36.0835, 24.9887



28.8517, -7.9837, -1.8969



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



40.5881, -18.9171, -9.8934



54.2039, -25.1768, -13.4006



21.7758, 10.9395, -50.8301



23.6960, -2.7786, 0.5262



39.1835, -18.2714, -9.5333



3.3495, -1.6810, -0.5579

Inverse Universe

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



26.0759, 50.3303, -27.1676



34.8765, 67.2949, -36.1282



33.2337, 12.6311, 20.6986



22.6308, 1.5314, -0.4596



25.1677, 48.5840, -26.2441



2.0762, 4.0468, -2.4656

Previews

White Background



This preview shows how the HunterLab color 40.5874, -18.9172, -9.8940 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 40.5874, -18.9172, -9.8940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

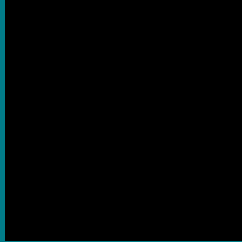
Any Text WCAG AA × Fail

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 40.5874, -18.9172, -9.8940 Background



This preview shows how black text looks on a background with the HunterLab color 40.5874, -18.9172, -9.8940.



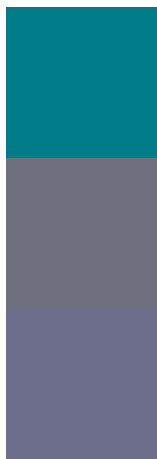
This preview shows how white text looks on a background with the HunterLab color 40.5874,

-18.9172, -9.8940.

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

40.5874, -18.9172, -9.8940

Protanopia

40.5732, -0.0801, -4.8433

Deuteranopia

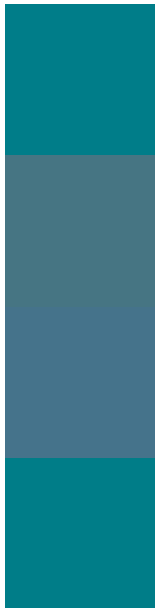
40.3689, 2.8266, -11.5153



Tritanopia

40.5173, -19.3307, -8.9137

Trichromacy



Original Color

40.5874, -18.9172, -9.8940

Protanomaly

39.5770, -10.7001, -7.9683

Deuteranomaly

39.2311, -8.3892, -12.8881

Tritanomaly

40.5522, -19.1247, -9.4020

Monochromacy



Original Color

40.5874, -18.9172, -9.8940

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.7834, -11.3556, -3.3122

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5874, -18.9172, -9.8940 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, 125, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 137)  
}
```

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, 125, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5874, -18.9172, -9.8940 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, 125, 137) }
```


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

```
.border{ border-color:rgb(0, 125, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 125, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5874, -18.9172, -9.8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 137) }
```

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

```
.background{ background-color: rgb(0, 125,  
137) }
```

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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