

Converting Colors

HunterLab(40.1575, -21.9599,
-9.9032)

Have a look what the booklet for
HunterLab(40.1575, -21.9599,
-9.9032) contains.

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Color

**HunterLab(40.8648,
-19.5124, -8.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	007E88
RGB	0, 126, 136
RGB Percent	0%, 49%, 53%
CMY	0.9999, 0.5059, 0.4667
CMYK	1.00, 0.07, 0.00, 0.47
HSL	184°, 100%, 27%
HSV	184°, 100%, 53%
XYZ	11.9048, 16.6993, 25.8884
YIQ	89.4660, -78.3060, -23.6020

Conversions

Conversions Part 2

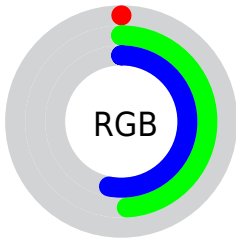
Format	Color
RYB	0, 65, 136
Decimal	32392
CIELab	47.88, -25.17, -13.77
CIELCh	48, 28.690, 208.672
Yxy	16.6999, 0.2185, 0.3065
Android (android.graphics.Color)	4278222472 (0xFF007E88)
YUV	89.4660, 22.9413, -78.4617
Hunter-Lab	40.8648, -19.5124, -8.9557

Details

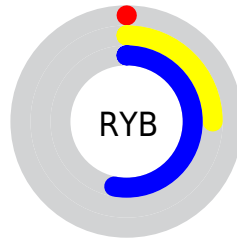
The HunterLab color **40.8648, -19.5124, -8.9557** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.3492, 37.5925, 15.0444**, and the grayscale version is **31.7199, -1.6925, 1.7234**.

A 20% lighter version of the original color is **61.4437, -23.6486, -9.0092**, and **24.1677, -10.7988, -6.8959** is the 20% darker color. If you saturate the color by 10%, you get **40.8649, -19.5124, -8.9560**, and if you desaturate by 10%, it is **41.2883, -19.4722, -8.3479**.

Distribution



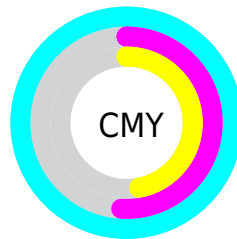
- Red (0%)
- Green (49%)
- Blue (53%)



- Red (0%)
- Yellow (25%)
- Blue (53%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8648, -19.5124, -8.9557 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 40.8648, -19.5124, -8.9557 by changing the saturation by 10% instead.

40.8648, -19.5124,
-8.9557

40.8648, -19.5124,
-8.9557

152.7865,
-36.5672, -7.8463

31.6556, -17.3297,
-8.7741

61.4891, -23.5918,
-9.1010

23.2653, -14.9979,
-8.5140

72.8066, -25.5361,
-9.0772

15.7842, -12.4412,
-8.1755

84.7440, -27.4369,
-8.9955

9.3399, -12.2428,
-7.7876

97.2708, -29.3043,
-8.8601

0.0000, NaN, -NF

0.0000, NaN, NaN

110.3604,
-31.1457, -8.6746

0.0000, NaN, NaN

123.9896,

0.0000, NaN, NaN

-32.9670, -8.4420

0.0000, NaN, NaN

138.1377,
-34.7730, -8.1651

■ 40.8648, -19.5124,
-8.9557

■ 40.8648, -19.5124,
-8.9557

■ 40.8649, -19.5124,
-8.9560

■ 41.2883, -19.4722,
-8.3479

■ 41.7762, -19.1805,
-7.6515

■ 42.3632, -18.5088,
-6.8200

■ 43.0574, -17.4323,
-5.8478

■ 43.8639, -15.9410,
-4.7349

■ 44.7857, -14.0374,
-3.4856

■ 45.8236, -11.7336,
-2.1073

■ 46.9769, -9.0492,
-0.6097

■ 48.2437, -6.0093,
0.9961

Harmonies

Analogous

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



40.8655, -21.6708, 2.6993



40.8648, -19.5124, -8.9557



40.8655, -12.8516, -19.5956

Triad

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



40.8655, -19.5123, -8.9551



40.8655, 18.0268, -10.0122



40.8655, -1.6792, 17.9338

Complementary

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



40.8648, -19.5124, -8.9557



23.3492, 37.5925, 15.0444

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.



40.8655, 9.7072, 16.2072



40.8648, -19.5124, -8.9557



40.8655, 21.8194, 1.7437

Square

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



40.8655, -19.5123, -8.9551



40.8655, 8.7442, -20.3132



40.8655, 18.6237, 10.9313



40.8655, -12.0699, 16.4937

Rectangle

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



40.8648, -19.5124, -8.9557



40.8655, -6.3532, -23.5933



40.8655, 18.6237, 10.9313



40.8655, 2.1621, 17.7156

Sweetspot

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



40.8655, -19.5123, -8.9551



60.7346, -15.7958, -2.9242



41.9865, -35.8333, 24.8761



28.9776, -8.1645, -1.7376



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.



40.8655, -19.5123, -8.9551



54.1583, -25.7913, -12.0172



22.1359, 9.6884, -48.5793



23.7208, -2.8183, 0.5555



39.7631, -18.9918, -8.7025



3.3726, -1.7090, -0.5263

Inverse Universe

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



25.9637, 50.2613, -28.1975



34.4515, 66.6758, -37.2457



32.4850, 13.5557, 20.2534



22.6335, 1.5454, -0.4968



25.2593, 48.9038, -27.4483



2.0800, 4.0599, -2.5148

Previews

White Background



This preview shows how the HunterLab color 40.8648, -19.5124, -8.9557 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 40.8648, -19.5124, -8.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

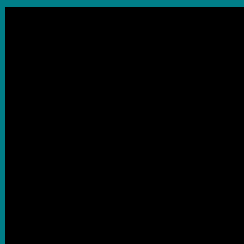
Any Text WCAG AA × Fail

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 40.8648, -19.5124, -8.9557 Background



This preview shows how black text looks on a background with the HunterLab color 40.8648, -19.5124, -8.9557.



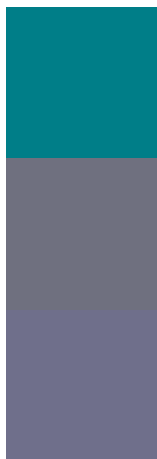
This preview shows how white text looks on a background with the HunterLab color 40.8648,

-19.5124, -8.9557.

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

40.8648, -19.5124, -8.9557

Protanopia

40.6204, 0.0170, -4.2767

Deuteranopia

40.7584, 2.6866, -10.3697



Tritanopia

40.8963, -19.3893, -8.9080

Trichromacy



Original Color

40.8648, -19.5124, -8.9557

Protanomaly

39.5902, -10.7192, -7.4201

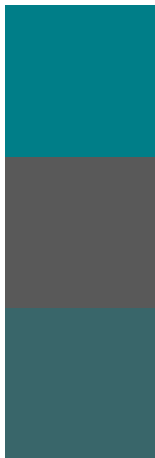
Deuteranomaly

39.5795, -8.6898, -11.7824

Tritanomaly

40.8884, -19.4200, -8.9199

Monochromacy



Original Color

40.8648, -19.5124, -8.9557

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 40.8648, -19.5124, -8.9557 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, 126, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 136)  
}
```

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, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8648, -19.5124, -8.9557 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, 126, 136) }
```


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

```
.border{ border-color:rgb(0, 126, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8648, -19.5124, -8.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 136) }
```

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

```
.background{ background-color: rgb(0, 126,  
136) }
```

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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