

Converting Colors

HunterLab(38.0101, -29.6818,
-14.7509)

Have a look what the booklet for
HunterLab(38.0101, -29.6818,
-14.7509) contains.

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Color

**HunterLab(40.6229,
-18.7081, -10.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	007D8A
RGB	0, 125, 138
RGB Percent	0%, 49%, 54%
CMY	0.9999, 0.5098, 0.4588
CMYK	1.00, 0.09, 0.00, 0.46
HSL	186°, 100%, 27%
HSV	186°, 100%, 54%
XYZ	11.9211, 16.5022, 26.6017
YIQ	89.1070, -78.6730, -22.4570

Conversions

Conversions Part 2

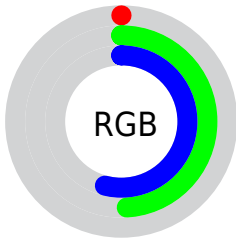
Format	Color
RYB	0, 66, 138
Decimal	32138
CIELab	47.63, -23.97, -15.33
CIELCh	48, 28.452, 212.597
Yxy	16.5028, 0.2167, 0.2999
Android (android.graphics.Color)	4278222218 (0xFF007D8A)
YUV	89.1070, 24.1042, -78.1468
Hunter-Lab	40.6229, -18.7081, -10.3897

Details

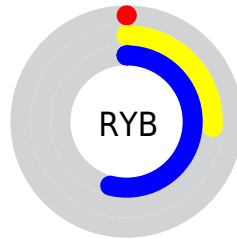
The HunterLab color **40.6229, -18.7081, -10.3897** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.8573, 37.7506, 15.3603**, and the grayscale version is **31.5835, -1.6852, 1.7160**.

A 20% lighter version of the original color is **61.1894, -22.7994, -10.4548**, and **24.2352, -10.4028, -7.8353** is the 20% darker color. If you saturate the color by 10%, you get **40.6229, -18.7079, -10.3901**, and if you desaturate by 10%, it is **41.1412, -18.7812, -9.6300**.

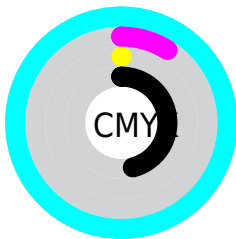
Distribution



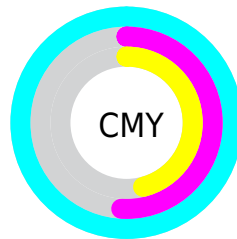
- Red (0%)
- Green (49%)
- Blue (54%)



- Red (0%)
- Yellow (26%)
- 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 40.6229, -18.7081, -10.3897 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 40.6229, -18.7081, -10.3897 by changing the saturation by 10% instead.

40.6229, -18.7081,
-10.3897

40.6229, -18.7081,
-10.3897

152.4108,
-35.2172, -9.7928

31.4335, -16.6088,
-10.1466

61.2119, -22.6404,
-10.6580

23.0649, -14.3698,
-9.8281

72.5132, -24.5187,
-10.6941

15.6082, -11.9186,
-9.4410

84.4354, -26.3572,
-10.6709

9.1891, -11.8577,
-9.0433

96.9477, -28.1656,
-10.5925

0.0000, NaN, -NF

0.0000, NaN, NaN

110.0233,
-29.9508, -10.4625

0.0000, NaN, NaN

123.6392,

0.0000, NaN, NaN

-31.7183, -10.2841

0.0000, NaN, NaN

137.7745,
-33.4727, -10.0600

■ 40.6229, -18.7081,
-10.3897

■ 40.6229, -18.7081,
-10.3897

■ 40.6229, -18.7079,
-10.3901

■ 41.1412, -18.7812,
-9.6300

■ 41.7268, -18.5934,
-8.7795

■ 42.4144, -18.0162,
-7.7919

■ 43.2117, -17.0262,
-6.6630

■ 44.1234, -15.6154,
-5.3948

■ 45.1517, -13.7879,
-3.9934

■ 46.2969, -11.5577,
-2.4676

■ 47.5578, -8.9460,
-0.8285

■ 48.9319, -5.9788,
0.9120

Harmonies

Analogous

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



40.6236, -21.4542, 1.2759



40.6229, -18.7081, -10.3897



40.6236, -11.5785, -20.3958

Triad

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



40.6236, -18.7080, -10.3891



40.6236, 18.6817, -8.3460



40.6236, -3.1370, 17.7703

Complementary

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



40.6229, -18.7081, -10.3897



23.8573, 37.7506, 15.3603

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.



40.6236, 8.1818, 16.4758



40.6229, -18.7081, -10.3897



40.6236, 21.5563, 3.1249

Square

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



40.6236, -18.7080, -10.3891



40.6236, 10.0441, -19.0099



40.6236, 17.5276, 11.7397



40.6236, -13.0919, 15.9196

Rectangle

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



40.6229, -18.7081, -10.3897



40.6236, -4.8969, -23.6747



40.6236, 17.5276, 11.7397



40.6236, 0.6313, 17.6882

Sweetspot

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



40.6236, -18.7080, -10.3891



61.3618, -15.5545, -3.4136



42.6646, -36.3718, 25.1908



28.7926, -7.8985, -1.9720



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.



40.6236, -18.7080, -10.3891



53.8181, -24.6932, -13.9623



21.9367, 11.0536, -51.2775



23.6843, -2.7600, 0.5125



38.9119, -17.9315, -9.9276



3.3385, -1.6677, -0.5729

Inverse Universe

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



26.2383, 50.5729, -26.7904



34.8161, 67.0838, -35.3322



33.4895, 12.7493, 20.8583



22.6296, 1.5248, -0.4421



25.1252, 48.4351, -25.6829



2.0745, 4.0406, -2.4424

Previews

White Background



This preview shows how the HunterLab color 40.6229, -18.7081, -10.3897 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 40.6229, -18.7081, -10.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

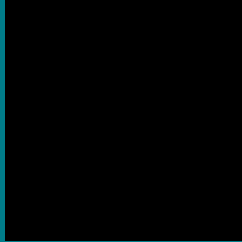
Any Text WCAG AA × Fail

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 40.6229, -18.7081, -10.3897 Background



This preview shows how black text looks on a background with the HunterLab color 40.6229, -18.7081, -10.3897.



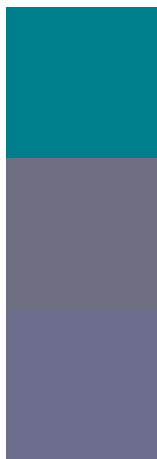
This preview shows how white text looks on a background with the HunterLab color 40.6229,

-18.7081, -10.3897.

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

40.6229, -18.7081, -10.3897

Protanopia

40.6058, 0.0968, -5.3026

Deuteranopia

40.4056, 3.0230, -12.0260



Tritanopia

40.5173, -19.3307, -8.9137

Trichromacy



Original Color

40.6229, -18.7081, -10.3897

Protanomaly

39.6114, -10.5042, -8.4502

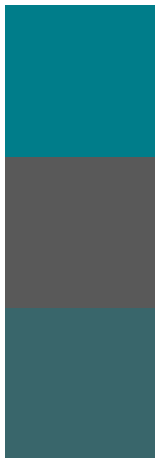
Deuteranomaly

39.2685, -8.1784, -13.4072

Tritanomaly

40.5522, -19.1247, -9.4020

Monochromacy



Original Color

40.6229, -18.7081, -10.3897

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

33.8144, -11.1773, -3.7490

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6229, -18.7081, -10.3897 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6229, -18.7081, -10.3897 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, 138) }
```


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

```
.border{ border-color:rgb(0, 125, 138) }
```

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, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6229, -18.7081, -10.3897 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, 138) }
```

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

```
.background{ background-color: rgb(0, 125,  
138) }
```

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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