

Converting Colors

HunterLab(38.4423, -16.7705,
-21.4127)

Have a look what the booklet for
HunterLab(38.4423, -16.7705,
-21.4127) contains.

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Color

**HunterLab(39.2373,
-13.6110, -19.6609)**

Conversions

Conversions Part 1

Format	Color
Hex	007796
RGB	0, 119, 150
RGB Percent	0%, 47%, 59%
CMY	0.9999, 0.5333, 0.4118
CMYK	1.00, 0.21, 0.00, 0.41
HSL	192°, 100%, 29%
HSV	192°, 100%, 59%
XYZ	12.1019, 15.3957, 31.1880
YIQ	86.9530, -80.8750, -15.5870

Conversions

Conversions Part 2

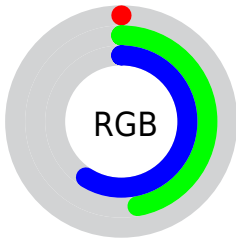
Format	Color
RYB	0, 66, 150
Decimal	30614
CIELab	46.17, -16.44, -24.64
CIELCh	46, 29.625, 236.295
Yxy	15.3962, 0.2062, 0.2623
Android (android.graphics.Color)	4278220694 (0xFF007796)
YUV	86.9530, 31.0822, -76.2578
Hunter-Lab	39.2373, -13.6110, -19.6609

Details

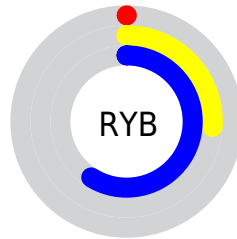
The HunterLab color **39.2373, -13.6110, -19.6609** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.3228, 37.5620, 17.4923**, and the grayscale version is **30.7686, -1.6417, 1.6717**.

A 20% lighter version of the original color is **59.5120, -16.5387, -20.5322**, and **22.9808, -5.7116, -16.3944** is the 20% darker color. If you saturate the color by 10%, you get **39.2363, -13.6094, -19.6631**, and if you desaturate by 10%, it is **40.3087, -14.4132, -17.8563**.

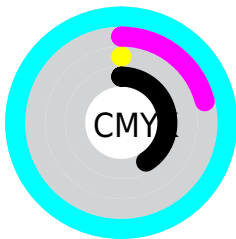
Distribution



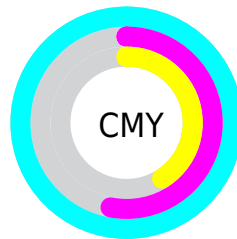
- Red (0%)
- Green (47%)
- Blue (59%)



- Red (0%)
- Yellow (26%)
- Blue (59%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.2373, -13.6110, -19.6609 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 39.2373, -13.6110, -19.6609 by changing the saturation by 10% instead.

39.2373, -13.6110,
-19.6609

39.2373, -13.6110,
-19.6609

150.2504,
-26.7153, -21.8029

30.1627, -12.0333,
-19.1483

59.6211, -16.6253,
-20.5371

21.9205, -10.3758,
-18.6244

70.8292, -18.0913,
-20.8871

14.6060, -8.5896,
-18.1840

82.6631, -19.5414,
-21.1772

8.2662, -9.1074,
-18.4760

95.0912, -20.9817,
-21.4092

0.0000, NaN, -NF

0.0000, NaN, -NF

108.0864,
-22.4162, -21.5852

0.0000, NaN, NaN

121.6250,

0.0000, NaN, NaN

-23.8484, -21.7080

0.0000, NaN, NaN

135.6859,
-25.2808, -21.7797

■ 39.2373, -13.6110,
-19.6609

■ 39.2373, -13.6110,
-19.6609

■ 39.2363, -13.6094,
-19.6631

■ 40.3087, -14.4132,
-17.8563

■ 41.4692, -14.8901,
-15.9619

■ 42.7527, -14.9157,
-13.9329

■ 44.1640, -14.4757,
-11.7768

■ 45.7041, -13.5739,
-9.5067

■ 47.3714, -12.2266,
-7.1383

■ 49.1625, -10.4588,
-4.6880

■ 51.0728, -8.3003,
-2.1714

■ 53.0971, -5.7837,
0.3970

Harmonies

Analogous

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



39.2380, -19.9919, -8.3532



39.2373, -13.6110, -19.6609



39.2380, -3.5122, -25.1331

Triad

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



39.2380, -13.6107, -19.6602



39.2380, 22.4553, 0.7543



39.2380, -11.4047, 16.6845

Complementary

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



39.2373, -13.6110, -19.6609



27.3228, 37.5620, 17.4923

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.



39.2380, -0.6589, 17.8450



39.2373, -13.6110, -19.6609



39.2380, 19.7237, 10.3468

Square

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



39.2380, -13.6107, -19.6602



39.2380, 18.0114, -11.3970



39.2380, 10.9223, 15.8982



39.2380, -18.8248, 12.0941

Rectangle

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



39.2373, -13.6110, -19.6609



39.2380, 4.2929, -23.8422



39.2380, 10.9223, 15.8982



39.2380, -8.1001, 17.4194

Sweetspot

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



39.2380, -13.6107, -19.6602



65.1605, -14.0517, -6.4280



46.8048, -39.4186, 26.5932



30.2423, -7.0589, -3.6124



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



39.2380, -13.6107, -19.6602



51.8772, -17.7422, -26.5416



20.1997, 21.5985, -71.8686



25.2206, -2.6375, 0.2852



35.7973, -12.4828, -17.7966



4.4498, -2.0224, -1.1961

Inverse Universe

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



27.9581, 52.6383, -18.8634



37.1045, 69.8072, -24.5863



40.7295, 5.9897, 25.2012



24.2670, 1.5528, -0.1756



25.4696, 47.9725, -17.3024



2.8906, 5.5636, -2.8876

Previews

White Background



This preview shows how the HunterLab color 39.2373, -13.6110, -19.6609 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 39.2373, -13.6110, -19.6609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

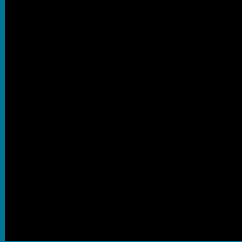
Any Text WCAG AA × Fail

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 39.2373, -13.6110, -19.6609 Background



This preview shows how black text looks on a background with the HunterLab color 39.2373, -13.6110, -19.6609.



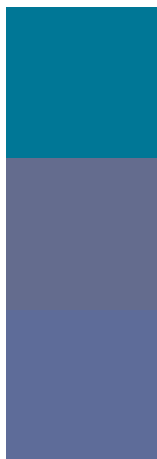
This preview shows how white text looks on a background with the HunterLab color 39.2373,

-13.6110, -19.6609.

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

39.2373, -13.6110, -19.6609

Protanopia

39.2268, 1.8877, -14.4758

Deuteranopia

39.2488, 2.8459, -21.2907



Tritanopia

39.1324, -18.6064, -8.7462

Trichromacy



Original Color

39.2373, -13.6110, -19.6609

Protanomaly

38.3701, -6.5809, -17.8650

Deuteranomaly

38.4916, -5.5664, -22.1360

Tritanomaly

39.0742, -16.7409, -12.7005

Monochromacy



Original Color

39.2373, -13.6110, -19.6609

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.9571, -9.7320, -6.4010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.2373, -13.6110, -19.6609 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, 119, 150)` looks like.

```
.text, #text, p{  
  color:rgb(0, 119, 150)  
}
```

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, 119, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 39.2373, -13.6110, -19.6609 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, 119, 150) }
```


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

```
.border{ border-color:rgb(0, 119, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.2373, -13.6110, -19.6609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 150) }
```

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

```
.background{ background-color: rgb(0, 119,  
150) }
```

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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