

Converting Colors

HunterLab(37.8181, -11.0275,
-23.4619)

Have a look what the booklet for
HunterLab(37.8181, -11.0275,
-23.4619) contains.

HunterLab(37.8175, -11.0279, -23.4626)	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(37.8175,
-11.0279, -23.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	007298
RGB	0, 114, 152
RGB Percent	0%, 45%, 60%
CMY	0.9999, 0.5529, 0.4039
CMYK	1.00, 0.25, 0.00, 0.40
HSL	195°, 100%, 30%
HSV	195°, 100%, 60%
XYZ	11.6848, 14.3016, 31.8504
YIQ	84.2460, -80.1420, -12.3500

Conversions

Conversions Part 2

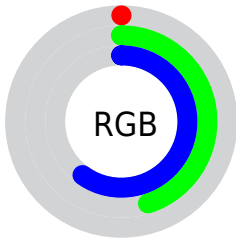
Format	Color
RYB	0, 65, 152
Decimal	29336
CIELab	44.66, -12.86, -28.17
CIELCh	45, 30.969, 245.468
Yxy	14.3021, 0.2020, 0.2473
Android (android.graphics.Color)	4278219416 (0xFF007298)
YUV	84.2460, 33.4027, -73.8837
Hunter-Lab	37.8175, -11.0279, -23.4626

Details

The HunterLab color **37.8175, -11.0279, -23.4626** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **28.3957, 36.0694, 18.1274**, and the grayscale version is **29.7707, -1.5885, 1.6175**.

A 20% lighter version of the original color is **58.0172, -13.7738, -24.1647**, and **21.9909, -3.6040, -19.7067** is the 20% darker color. If you saturate the color by 10%, you get **37.8162, -11.0258, -23.4654**, and if you desaturate by 10%, it is **39.0906, -12.1362, -21.1813**.

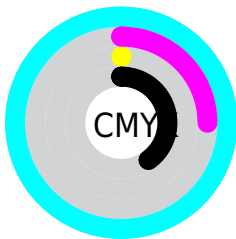
Distribution



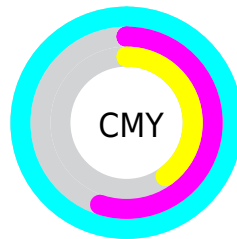
- Red (0%)
- Green (45%)
- Blue (60%)



- Red (0%)
- Yellow (25%)
- Blue (60%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8175, -11.0279, -23.4626 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 37.8175, -11.0279, -23.4626 by changing the saturation by 10% instead.

■ 37.8175, -11.0279,
-23.4626

■ 37.8175, -11.0279,
-23.4626

148.0210,
-22.5296, -26.5286

■ 28.8636, -9.6925,
-22.8989

■ 57.9863, -13.6133,
-24.5134

■ 20.7546, -8.3035,
-22.3833

■ 69.0970, -14.8856,
-24.9659

■ 13.5906, -6.8220,
-22.0893

■ 80.8386, -16.1530,
-25.3627

■ 7.1850, -8.1819,
-24.1365

■ 93.1789, -17.4197,
-25.7030

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.0901,
-18.6886, -25.9880

0.0000, NaN, NaN

■ 119.5481,

0.0000, NaN, NaN

-19.9622, -26.2193

0.0000, NaN, NaN

133.5314,
-21.2421, -26.3988

■ 37.8175, -11.0279,
-23.4626

■ 37.8175, -11.0279,
-23.4626

■ 37.8162, -11.0258,
-23.4654

■ 39.0906, -12.1362,
-21.1813

■ 40.4612, -12.8990,
-18.8238

■ 41.9626, -13.1920,
-16.3462

■ 43.5978, -13.0063,
-13.7611

■ 45.3659, -12.3513,
-11.0857

■ 47.2634, -11.2486,
-8.3384

■ 49.2856, -9.7272,
-5.5368

■ 51.4264, -7.8201,
-2.6966

■ 53.6796, -5.5617,
0.1689

Harmonies

Analogous

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



37.8181, -18.8536, -12.8109



37.8175, -11.0279, -23.4626



37.8181, 0.1771, -26.5175

Triad

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



37.8181, -11.0275, -23.4619



37.8181, 23.4545, 4.0674



37.8181, -14.3599, 15.8040

Complementary

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



37.8175, -11.0279, -23.4626



28.3957, 36.0694, 18.1274

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.



37.8181, -4.1679, 17.9087



37.8175, -11.0279, -23.4626



37.8181, 18.3958, 12.6040

Square

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



37.8181, -11.0275, -23.4619



37.8181, 21.0345, -8.0980



37.8181, 7.9187, 16.9504



37.8181, -20.6051, 10.0012

Rectangle

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



37.8175, -11.0279, -23.4626



37.8181, 8.2910, -23.2209



37.8181, 7.9187, 16.9504



37.8181, -11.3322, 16.8702

Sweetspot

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



37.8181, -11.0275, -23.4619



65.3137, -13.0591, -7.5805



47.5362, -39.7097, 26.3074



30.6340, -6.6240, -4.3050



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



37.8181, -11.0275, -23.4619



49.9487, -14.2310, -31.7108



19.1168, 25.9453, -79.8984



26.0093, -2.5974, 0.1863



34.7006, -10.1999, -21.3540



4.8579, -2.0773, -1.5877

Inverse Universe

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



28.0908, 52.4266, -15.3745



37.2792, 69.5140, -19.8815



43.2569, 2.5688, 26.6987



25.0943, 1.5751, -0.0625



25.7311, 48.0435, -14.2122



3.2347, 6.1873, -2.9314

Previews

White Background



This preview shows how the HunterLab color 37.8175, -11.0279, -23.4626 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 37.8175, -11.0279, -23.4626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

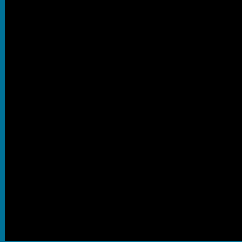
Any Text WCAG AA × Fail

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 37.8175, -11.0279, -23.4626 Background



This preview shows how black text looks on a background with the HunterLab color 37.8175, -11.0279, -23.4626.



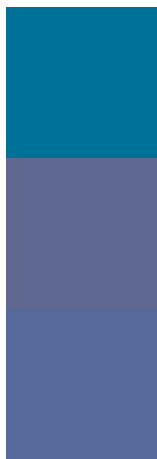
This preview shows how white text looks on a background with the HunterLab color 37.8175, -11.0279, -23.4626.

-11.0279, -23.4626.

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

37.8175, -11.0279, -23.4626

Protanopia

37.8073, 2.7704, -18.0330

Deuteranopia

37.9045, 2.5656, -24.4188



Tritanopia

37.7213, -18.0896, -8.0981

Trichromacy



Original Color

37.8175, -11.0279, -23.4626

Protanomaly

37.1381, -4.9478, -21.2710

Deuteranomaly

37.1609, -4.3465, -25.2612

Tritanomaly

37.7360, -15.8097, -13.0381

Monochromacy



Original Color

37.8175, -11.0279, -23.4626

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.6945, -8.6040, -7.6855

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8175, -11.0279, -23.4626 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, 114, 152)` looks like.

```
.text, #text, p{  
  color:rgb(0, 114, 152)  
}
```

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, 114, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8175, -11.0279, -23.4626 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, 114, 152) }
```


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

```
.border{ border-color:rgb(0, 114, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8175, -11.0279, -23.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 152) }
```

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

```
.background{ background-color: rgb(0, 114,  
152) }
```

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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