

Converting Colors

HunterLab(37.4040, -10.9183,
-23.1822)

Have a look what the booklet for
HunterLab(37.4040, -10.9183,
-23.1822) contains.

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Color

**HunterLab(37.4330,
-11.0981, -22.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	007196
RGB	0, 113, 150
RGB Percent	0%, 44%, 59%
CMY	0.9999, 0.5569, 0.4118
CMYK	1.00, 0.25, 0.00, 0.41
HSL	195°, 100%, 29%
HSV	195°, 100%, 59%
XYZ	11.4102, 14.0123, 30.9575
YIQ	83.4310, -79.2250, -12.4490

Conversions

Conversions Part 2

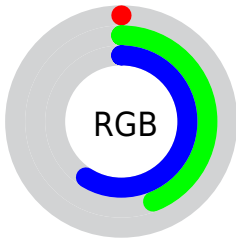
Format	Color
RYB	0, 64, 150
Decimal	29078
CIELab	44.25, -13.05, -27.63
CIELCh	44, 30.556, 244.725
Yxy	14.0128, 0.2024, 0.2485
Android (android.graphics.Color)	4278219158 (0xFF007196)
YUV	83.4310, 32.8185, -73.1690
Hunter-Lab	37.4330, -11.0981, -22.8303

Details

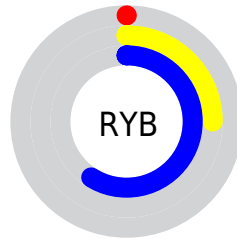
The HunterLab color **37.4330, -11.0981, -22.8303** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.9441, 35.6731, 17.8421**, and the grayscale version is **29.4758, -1.5728, 1.6015**.

A 20% lighter version of the original color is **57.5801, -13.9323, -23.5864**, and **21.6366, -3.6896, -19.0792** is the 20% darker color. If you saturate the color by 10%, you get **37.4317, -11.0960, -22.8332**, and if you desaturate by 10%, it is **38.6743, -12.1602, -20.6175**.

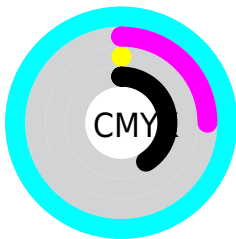
Distribution



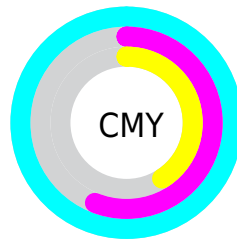
- Red (0%)
- Green (44%)
- Blue (59%)



- Red (0%)
- Yellow (25%)
- Blue (59%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4330, -11.0981, -22.8303 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 37.4330, -11.0981, -22.8303 by changing the saturation by 10% instead.

37.4330, -11.0981,
-22.8303

37.4330, -11.0981,
-22.8303

147.4145,
-22.6855, -25.7908

28.5124, -9.7478,
-22.2719

57.5428, -13.7081,
-23.8628

20.4400, -8.3412,
-21.7567

68.6266, -14.9910,
-24.3041

13.3177, -6.8373,
-21.4557

80.3429, -16.2682,
-24.6888

6.8603, -8.6530,
-23.9800

92.6591, -17.5439,
-25.0167

0.0000, NaN, -NF

0.0000, NaN, -NF

105.5474,
-18.8214, -25.2890

0.0000, NaN, NaN

118.9832,

0.0000, NaN, NaN

-20.1031, -25.5074

0.0000, NaN, NaN

132.9453,
-21.3906, -25.6740

■ 37.4330, -11.0981,
-22.8303

■ 37.4330, -11.0981,
-22.8303

■ 37.4317, -11.0960,
-22.8332

■ 38.6743, -12.1602,
-20.6175

■ 40.0105, -12.8857,
-18.3297

■ 41.4748, -13.1500,
-15.9223

■ 43.0704, -12.9439,
-13.4074

■ 44.7964, -12.2765,
-10.8017

■ 46.6498, -11.1686,
-8.1230

■ 48.6257, -9.6485,
-5.3887

■ 50.7184, -7.7484,
-2.6142

■ 52.9219, -5.5020,
0.1874

Harmonies

Analogous

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



37.4336, -18.6995, -12.2590



37.4330, -11.0981, -22.8303



37.4336, -0.1347, -26.0534

Triad

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



37.4336, -11.0978, -22.8296



37.4336, 23.0635, 3.7521



37.4336, -13.9324, 15.6686

Complementary

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



37.4330, -11.0981, -22.8303



27.9441, 35.6731, 17.8421

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.



37.4336, -3.8282, 17.6687



37.4330, -11.0981, -22.8303



37.4336, 18.2641, 12.2634

Square

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



37.4336, -11.0978, -22.8296



37.4336, 20.5050, -8.2585



37.4336, 8.0606, 16.6466



37.4336, -20.1902, 10.0468

Rectangle

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



37.4330, -11.0981, -22.8303



37.4336, 7.8460, -22.9682



37.4336, 8.0606, 16.6466



37.4336, -10.9219, 16.6931

Sweetspot

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



37.4336, -11.0978, -22.8296



64.4325, -12.9550, -7.3809



46.8343, -39.2337, 26.1574



29.8558, -6.4832, -4.1268



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.



37.4336, -11.0978, -22.8296



49.4374, -14.3304, -30.8573



19.2898, 24.2144, -76.3780



25.1443, -2.5145, 0.1942



34.1651, -10.2131, -20.6563



4.3492, -1.8946, -1.3462

Inverse Universe

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



27.7072, 51.7477, -15.4527



36.7667, 68.6076, -19.9898



41.9970, 3.6678, 25.9416



24.2590, 1.5099, -0.0620



25.2422, 47.1658, -14.2132



2.8750, 5.5093, -2.6821

Previews

White Background



This preview shows how the HunterLab color 37.4330, -11.0981, -22.8303 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 37.4330, -11.0981, -22.8303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

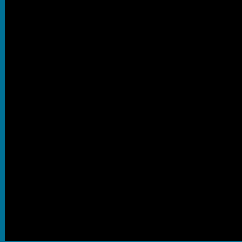
Any Text WCAG AA × Fail

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 37.4330, -11.0981, -22.8303 Background



This preview shows how black text looks on a background with the HunterLab color 37.4330, -11.0981, -22.8303.



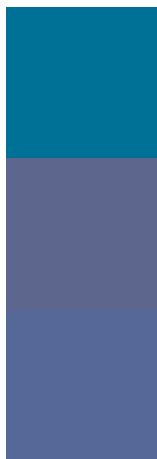
This preview shows how white text looks on a background with the HunterLab color 37.4330,

-11.0981, -22.8303.

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

37.4330, -11.0981, -22.8303

Protanopia

37.3907, 2.5799, -17.4945

Deuteranopia

37.5485, 2.5749, -23.7238



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.4330, -11.0981, -22.8303

Protanomaly

36.7281, -5.1170, -20.7017

Deuteranomaly

36.7886, -4.3849, -24.5936

Tritanomaly

37.3934, -15.6321, -12.9934

Monochromacy



Original Color

37.4330, -11.0981, -22.8303

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

31.3430, -8.5794, -7.1495

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4330, -11.0981, -22.8303 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, 113, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 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, 113, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4330, -11.0981, -22.8303 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, 113, 150) }
```


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

```
.border{ border-color:rgb(0, 113, 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, 113, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4330, -11.0981, -22.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 150) }
```

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

```
.background{ background-color: rgb(0, 113,  
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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