

Converting Colors

HunterLab(37.2731, -30.2801,
-51.6840)

Have a look what the booklet for
HunterLab(37.2731, -30.2801,
-51.6840) contains.

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Color

HunterLab(42.9731, -7.3979,
-37.7428)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 007EBA |
| RGB | 0, 126, 186 |
| RGB Percent | 0%, 49%, 73% |
| CMY | 0.9999, 0.5059, 0.2706 |
| CMYK | 1.00, 0.32, 0.00, 0.27 |
| HSL | 199°, 100%, 36% |
| HSV | 199°, 100%, 73% |
| XYZ | 16.3238, 18.4669, 49.1585 |
| YIQ | 95.1660, -94.3560, -8.0520 |

Conversions

Conversions Part 2

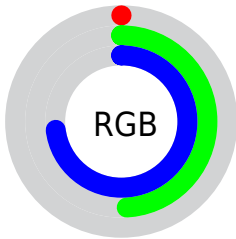
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 75, 186 |
| Decimal | 32442 |
| CIELab | 50.06, -6.80, -39.54 |
| CIELCh | 50, 40.118, 260.237 |
| Yxy | 18.4675, 0.1945, 0.2200 |
| Android (android.graphics.Color) | 4278222522 (0xFF007EBA) |
| YUV | 95.1660, 44.7812, -83.4606 |
| Hunter-Lab | 42.9731, -7.3979, -37.7428 |

Details

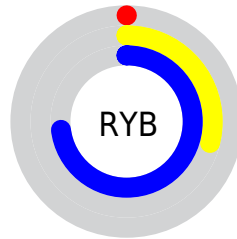
The HunterLab color **42.9731, -7.3979, -37.7428** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **36.9794, 40.8424, 23.4999**, and the grayscale version is **33.7582, -1.8013, 1.8341**.

A 20% lighter version of the original color is **63.7427, -9.1601, -39.0188**, and **26.4078, -0.1232, -32.7415** is the 20% darker color. If you saturate the color by 10%, you get **42.9700, -7.3929, -37.7497**, and if you desaturate by 10%, it is **44.9257, -9.5808, -33.7927**.

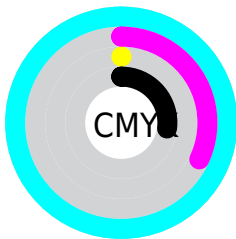
Distribution



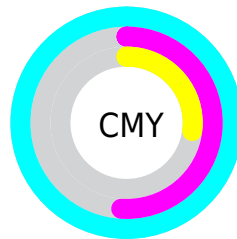
- Red (0%)
- Green (49%)
- Blue (73%)



- Red (0%)
- Yellow (29%)
- Blue (73%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9731, -7.3979, -37.7428 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 42.9731, -7.3979, -37.7428 by changing the saturation by 10% instead.

42.9731, -7.3979,
-37.7428

42.9731, -7.3979,
-37.7428

156.0426,
-16.2857, -42.7575

33.5948, -6.4742,
-37.1577

63.9001, -9.2690,
-39.0652

25.0192, -5.5521,
-36.7669

75.3555, -10.2236,
-39.7164

17.3309, -4.6201,
-36.8544

87.4238, -11.1930,
-40.3349

10.6471, -3.6561,
-38.2186

100.0753,
-12.1781, -40.9124

0.8031, -1.4054,
-304.6846

113.2844,
-13.1797, -41.4447

0.0000, NaN, -NF

0.0000, NaN, -NF

127.0283,

-14.1980, -41.9299

0.0000, NaN, NaN

141.2870,
-15.2333, -42.3674

0.0000, NaN, NaN

■ 42.9731, -7.3979,
-37.7428

■ 42.9731, -7.3979,
-37.7428

■ 42.9700, -7.3929,
-37.7497

■ 44.9257, -9.5808,
-33.7927

■ 47.0328, -11.2478,
-29.7768

■ 49.3246, -12.2803,
-25.6618

■ 51.8005, -12.6768,
-21.4740

■ 54.4550, -12.4612,
-17.2426

■ 57.2797, -11.6724,
-12.9941

■ 60.2647, -10.3569,
-8.7499

■ 63.3999, -8.5636,
-4.5266

■ 66.6749, -6.3406,
-0.3357

Harmonies

Analogous

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



42.9738, -20.2836, -26.8482



42.9731, -7.3979, -37.7428



42.9738, 8.8926, -35.2592

Triad

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



42.9738, -7.3973, -37.7419



42.9738, 30.6109, 11.2943



42.9738, -23.5115, 17.1828

Complementary

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



42.9731, -7.3979, -37.7428



36.9794, 40.8424, 23.4999

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.



42.9738, -12.4441, 21.7562



42.9731, -7.3979, -37.7428



42.9738, 19.2458, 19.3232

Square

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



42.9738, -7.3973, -37.7419



42.9738, 32.4883, -2.9349



42.9738, 3.0564, 22.3618



42.9738, -28.6445, 7.0194

Rectangle

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



42.9731, -7.3979, -37.7428



42.9738, 19.4780, -26.5969



42.9738, 3.0564, 22.3618



42.9738, -20.4451, 19.2401

Sweetspot

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



42.9738, -7.3973, -37.7419



80.9225, -14.0513, -12.0743



59.5259, -49.1533, 31.7080



37.1656, -6.9780, -6.8017



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



42.9738, -7.3973, -37.7419



57.4536, -9.3382, -51.6535



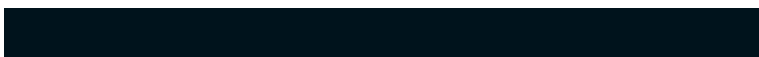
21.6724, 39.8173, -113.0367



31.1590, -2.8796, -0.0298



35.4435, -6.3694, -30.5516



7.4150, -2.3103, -4.2809

Inverse Universe

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



34.5635, 63.5434, -11.4500



46.4813, 85.3740, -14.7190



57.3286, -2.3600, 35.2832



30.1863, 1.8975, 0.1403



28.3734, 52.2113, -9.7346



5.4277, 10.1613, -3.2075

Previews

White Background



This preview shows how the HunterLab color 42.9731, -7.3979, -37.7428 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.9731, -7.3979, -37.7428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

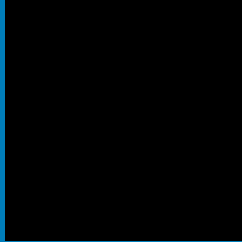
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.9731, -7.3979, -37.7428 Background



This preview shows how black text looks on a background with the HunterLab color 42.9731, -7.3979, -37.7428.



This preview shows how white text looks on a background with the HunterLab color 42.9731, -7.3979, -37.7428.

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

42.9731, -7.3979, -37.7428

Protanopia

43.0507, 5.2408, -31.3882

Deuteranopia

43.0464, 3.3819, -38.9459



Tritanopia

42.9599, -20.6086, -9.2081

Trichromacy



Original Color

42.9731, -7.3979, -37.7428

Protanomaly

42.1821, -1.6961, -35.4834

Deuteranomaly

42.6740, -2.3392, -39.0648

Tritanomaly

42.9347, -16.2900, -18.4991

Monochromacy



Original Color

42.9731, -7.3979, -37.7428

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.8151, -8.2829, -11.8835

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9731, -7.3979, -37.7428 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9731, -7.3979, -37.7428 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, 186) }
```


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

```
.border{ border-color:rgb(0, 126, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9731, -7.3979, -37.7428 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, 186) }
```

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

```
.background{ background-color: rgb(0, 126,  
186) }
```

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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