

Converting Colors

HunterLab(36.0697, -32.1152,
-51.5966)

Have a look what the booklet for
HunterLab(36.0697, -32.1152,
-51.5966) contains.

HunterLab(42.2306, -7.3107, -37.0027)	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(42.2306, -7.3107,
-37.0027)

Conversions

Conversions Part 1

Format	Color
Hex	007CB7
RGB	0, 124, 183
RGB Percent	0%, 49%, 72%
CMY	0.9999, 0.5137, 0.2823
CMYK	1.00, 0.32, 0.00, 0.28
HSL	199°, 100%, 36%
HSV	199°, 100%, 72%
XYZ	15.7549, 17.8342, 47.4118
YIQ	93.6500, -92.8430, -7.9390

Conversions

Conversions Part 2

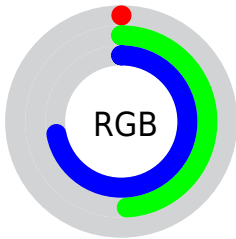
Format	Color
RYB	0, 74, 183
Decimal	31927
CIELab	49.30, -6.78, -39.01
CIELCh	49, 39.598, 260.141
Yxy	17.8348, 0.1945, 0.2202
Android (android.graphics.Color)	4278222007 (0xFF007CB7)
YUV	93.6500, 44.0495, -82.1311
Hunter-Lab	42.2306, -7.3107, -37.0027

Details

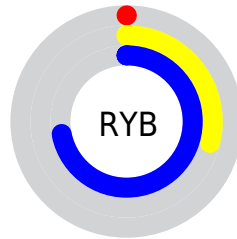
The HunterLab color **42.2306, -7.3107, -37.0027** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **36.3308, 40.0635, 23.0864**, and the grayscale version is **33.1972, -1.7713, 1.8037**.

A 20% lighter version of the original color is **62.9363, -9.1145, -38.3086**, and **26.0396, -0.2326, -32.0451** is the 20% darker color. If you saturate the color by 10%, you get **42.2273, -7.3055, -37.0100**, and if you desaturate by 10%, it is **44.1476, -9.4417, -33.1280**.

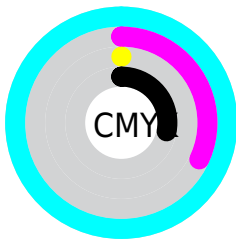
Distribution



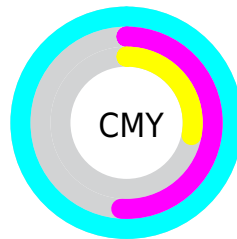
- Red (0%)
- Green (49%)
- Blue (72%)



- Red (0%)
- Yellow (29%)
- Blue (72%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (51%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2306, -7.3107, -37.0027 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 42.2306, -7.3107, -37.0027 by changing the saturation by 10% instead.

■ 42.2306, -7.3107,
-37.0027

■ 42.2306, -7.3107,
-37.0027

■ 154.8994,
-16.1785, -41.9581

■ 32.9112, -6.3888,
-36.4211

■ 63.0521, -9.1776,
-38.3167

■ 24.4000, -5.4680,
-36.0357

■ 74.4593, -10.1299,
-38.9623

■ 16.7836, -4.5364,
-36.1399

■ 86.4820, -11.0971,
-39.5745

■ 10.1828, -3.5764,
-37.5738

■ 99.0899, -12.0799,
-40.1451

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.2572,
-13.0792, -40.6699

0.0000, NaN, -NF

■ 125.9611,

0.0000, NaN, NaN

-14.0952, -41.1472

0.0000, NaN, NaN

140.1812,
-15.1283, -41.5765

■ 42.2306, -7.3107,
-37.0027

■ 42.2306, -7.3107,
-37.0027

■ 42.2273, -7.3055,
-37.0100

■ 44.1476, -9.4417,
-33.1280

■ 46.2154, -11.0694,
-29.1904

■ 48.4641, -12.0752,
-25.1556

■ 50.8932, -12.4581,
-21.0497

■ 53.4971, -12.2415,
-16.9010

■ 56.2677, -11.4636,
-12.7353

■ 59.1954, -10.1697,
-8.5739

■ 62.2701, -8.4079,
-4.4327

■ 65.4819, -6.2252,
-0.3233

Harmonies

Analogous

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



42.2313, -19.9426, -26.2838



42.2306, -7.3107, -37.0027



42.2313, 8.6703, -34.6115

Triad

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



42.2313, -7.3101, -37.0018



42.2313, 30.0527, 11.0533



42.2313, -23.0532, 16.8924

Complementary

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



42.2306, -7.3107, -37.0027



36.3308, 40.0635, 23.0864

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.



42.2313, -12.1726, 21.3706



42.2306, -7.3107, -37.0027



42.2313, 18.9268, 18.9562

Square

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



42.2313, -7.3101, -37.0018



42.2313, 31.8609, -2.9297



42.2313, 3.0483, 21.9547



42.2313, -28.1118, 6.9339

Rectangle

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



42.2306, -7.3107, -37.0027



42.2313, 19.0624, -26.1372



42.2313, 3.0483, 21.9547



42.2313, -20.0369, 18.9076

Sweetspot

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



42.2313, -7.3101, -37.0018



79.0122, -13.7152, -11.7613



58.4575, -48.2621, 31.1195



36.3497, -6.8188, -6.6266



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



42.2313, -7.3101, -37.0018



56.1250, -9.1787, -50.3371



21.3060, 39.0203, -110.8577



31.1594, -2.8803, -0.0292



35.4513, -6.3813, -30.5356



7.4161, -2.3118, -4.2789

Inverse Universe

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



33.9462, 62.4146, -11.2958



45.3786, 83.3575, -14.4386



56.3094, -2.3360, 34.6555



30.1863, 1.8978, 0.1397



28.3744, 52.2148, -9.7481



5.4278, 10.1619, -3.2096

Previews

White Background



This preview shows how the HunterLab color 42.2306, -7.3107, -37.0027 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 42.2306, -7.3107, -37.0027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

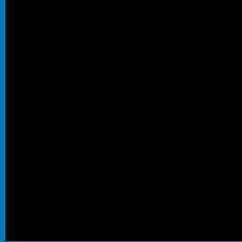
Any Text WCAG AA ✓ Pass

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 42.2306, -7.3107, -37.0027 Background



This preview shows how black text looks on a background with the HunterLab color 42.2306, -7.3107, -37.0027.



This preview shows how white text looks on a background with the HunterLab color 42.2306, -7.3107, -37.0027.

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

42.2306, -7.3107, -37.0027

Protanopia

42.2415, 5.0663, -30.8086

Deuteranopia

42.2938, 3.4009, -38.2232



Tritanopia

42.2248, -20.4474, -8.6372

Trichromacy



Original Color

42.2306, -7.3107, -37.0027

Protanomaly

41.4286, -1.6717, -34.7798

Deuteranomaly

41.9187, -2.3148, -38.3501

Tritanomaly

42.1959, -16.1606, -17.8551

Monochromacy



Original Color

42.2306, -7.3107, -37.0027

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

35.4544, -8.2706, -11.3067

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2306, -7.3107, -37.0027 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, 124, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 183)  
}
```

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, 124, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2306, -7.3107, -37.0027 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, 124, 183) }
```


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

```
.border{ border-color:rgb(0, 124, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2306, -7.3107, -37.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 183) }
```

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

```
.background{ background-color: rgb(0, 124,  
183) }
```

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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