

Converting Colors

HunterLab(36.9699, -30.8711,
-51.7841)

Have a look what the booklet for
HunterLab(36.9699, -30.8711,
-51.7841) contains.

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Color

HunterLab(42.9238, -7.6742,
-37.0845)

Conversions

Conversions Part 1

Format	Color
Hex	007EB9
RGB	0, 126, 185
RGB Percent	0%, 49%, 73%
CMY	0.9998, 0.5059, 0.2745
CMYK	1.00, 0.32, 0.00, 0.27
HSL	199°, 100%, 36%
HSV	199°, 100%, 73%
XYZ	16.2179, 18.4245, 48.6005
YIQ	95.0520, -94.0350, -8.3630

Conversions

Conversions Part 2

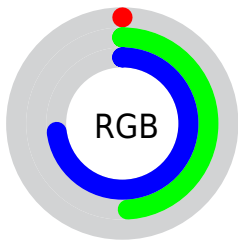
Format	Color
RYB	0, 75, 185
Decimal	32441
CIELab	50.01, -7.19, -39.04
CIElCh	50, 39.697, 259.569
Yxy	18.4251, 0.1948, 0.2213
Android (android.graphics.Color)	4278222521 (0xFF007EB9)
YUV	95.0520, 44.3444, -83.3606
Hunter-Lab	42.9238, -7.6742, -37.0845

Details

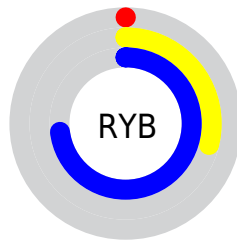
The HunterLab color **42.9238, -7.6742, -37.0845** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **36.6692, 40.8473, 23.3087**, and the grayscale version is **33.7175, -1.7991, 1.8319**.

A 20% lighter version of the original color is **63.6956, -9.4221, -38.3791**, and **26.3561, -0.4039, -32.0710** is the 20% darker color. If you saturate the color by 10%, you get **42.9206, -7.6690, -37.0918**, and if you desaturate by 10%, it is **44.8473, -9.8058, -33.2180**.

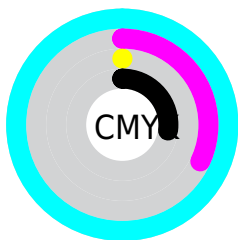
Distribution



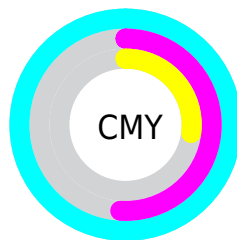
- Red (0%)
- Green (49%)
- Blue (73%)



- 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 42.9238, -7.6742, -37.0845 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 42.9238, -7.6742, -37.0845 by changing the saturation by 10% instead.

42.9238, -7.6742,
-37.0845

42.9238, -7.6742,
-37.0845

155.9668,
-16.7250, -42.0246

33.5494, -6.7260,
-36.4951

63.8439, -9.5887,
-38.4007

24.9781, -5.7769,
-36.0900

75.2961, -10.5630,
-39.0447

17.2944, -4.8142,
-36.1441

87.3613, -11.5510,
-39.6547

10.6161, -3.8141,
-37.4320

100.0100,
-12.5538, -40.2226

0.2925, -0.5118,
-816.3510

113.2163,
-13.5722, -40.7447

0.0000, NaN, -NF

0.0000, NaN, -NF

126.9575,

-14.6067, -41.2192

0.0000, NaN, NaN

141.2137,
-15.6575, -41.6457

0.0000, NaN, NaN

■ 42.9238, -7.6742,
-37.0845

■ 42.9238, -7.6742,
-37.0845

■ 42.9206, -7.6690,
-37.0918

■ 44.8473, -9.8058,
-33.2180

■ 46.9228, -11.4279,
-29.2832

■ 49.1809, -12.4216,
-25.2465

■ 51.6211, -12.7846,
-21.1334

■ 54.2382, -12.5402,
-16.9727

■ 57.0242, -11.7263,
-12.7904

■ 59.9694, -10.3886,
-8.6084

■ 63.0638, -8.5755,
-4.4433

■ 66.2973, -6.3345,
-0.3069

Harmonies

Analogous

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



42.9245, -20.3270, -26.1150



42.9238, -7.6742, -37.0845



42.9245, 8.4017, -34.9500

Triad

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



42.9245, -7.6736, -37.0836



42.9245, 30.3711, 10.9583



42.9245, -23.1187, 17.2090

Complementary

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



42.9238, -7.6742, -37.0845



36.6692, 40.8473, 23.3087

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.



42.9245, -12.0327, 21.6629



42.9238, -7.6742, -37.0845



42.9245, 19.3195, 19.0671

Square

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



42.9245, -7.6736, -37.0836



42.9245, 31.9883, -3.2523



42.9245, 3.3672, 22.1903



42.9245, -28.3462, 7.2621

Rectangle

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



42.9238, -7.6742, -37.0845



42.9245, 18.9019, -26.5658



42.9245, 3.3672, 22.1903



42.9245, -20.0356, 19.2179

Sweetspot

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



42.9245, -7.6736, -37.0836



80.0490, -14.0103, -11.8061



59.1695, -48.8559, 31.5115



36.3923, -6.8838, -6.5677



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.



42.9245, -7.6736, -37.0836



57.0555, -9.6716, -50.4361



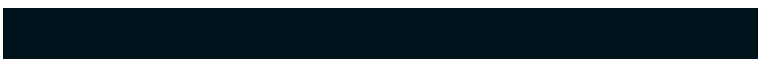
21.5503, 39.5508, -112.3084



31.1679, -2.8941, -0.0190



35.6079, -6.6213, -30.2133



7.4384, -2.3431, -4.2392

Inverse Universe

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



34.3826, 63.2561, -11.7447



45.9628, 84.4845, -15.0421



56.9886, -2.3521, 35.0738



30.1872, 1.9025, 0.1270



28.3942, 52.2858, -10.0225



5.4309, 10.1728, -3.2516

Previews

White Background



This preview shows how the HunterLab color 42.9238, -7.6742, -37.0845 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 42.9238, -7.6742, -37.0845 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 42.9238, -7.6742, -37.0845 Background



This preview shows how black text looks on a background with the HunterLab color 42.9238, -7.6742, -37.0845.

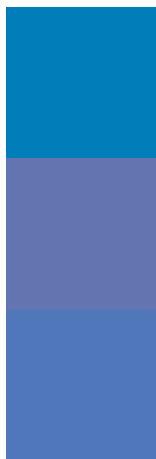


This preview shows how white text looks on a background with the HunterLab color 42.9238, -7.6742, -37.0845.

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

42.9238, -7.6742, -37.0845

Protanopia

43.0042, 4.9940, -30.7608

Deuteranopia

43.0475, 3.2854, -38.1696



Tritanopia

42.9251, -20.8143, -8.7206

Trichromacy



Original Color

42.9238, -7.6742, -37.0845

Protanomaly

42.1336, -1.9614, -34.8344

Deuteranomaly

42.6548, -2.5063, -38.3316

Tritanomaly

42.8947, -16.5221, -17.9482

Monochromacy



Original Color

42.9238, -7.6742, -37.0845

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 42.9238, -7.6742, -37.0845 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9238, -7.6742, -37.0845 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, 185) }
```


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

```
.border{ border-color:rgb(0, 126, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9238, -7.6742, -37.0845 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, 185) }
```

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

```
.background{ background-color: rgb(0, 126,  
185) }
```

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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