

Converting Colors

HunterLab(37.4506, -0.7009,
-45.2970)

Have a look what the booklet for
HunterLab(37.4506, -0.7009,
-45.2970) contains.

HunterLab(37.4438, -0.6899, -45.3122)	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(37.4438, -0.6899,
-45.3122)**

Conversions

Conversions Part 1

Format	Color
Hex	006CB4
RGB	0, 108, 180
RGB Percent	0%, 42%, 71%
CMY	0.9999, 0.5765, 0.2941
CMYK	1.00, 0.40, 0.00, 0.29
HSL	204°, 100%, 35%
HSV	204°, 100%, 71%
XYZ	13.6008, 14.0204, 45.1693
YIQ	83.9160, -87.4800, -0.5040

Conversions

Conversions Part 2

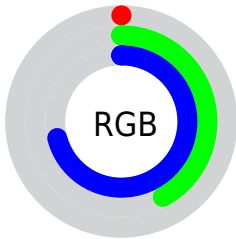
Format	Color
RYB	0, 68, 180
Decimal	27828
CIELab	44.26, 1.77, -45.26
CIELCh	44, 45.296, 272.245
Yxy	14.0208, 0.1869, 0.1926
Android (android.graphics.Color)	4278217908 (0xFF006CB4)
YUV	83.9160, 47.3694, -73.5943
Hunter-Lab	37.4438, -0.6899, -45.3122

Details

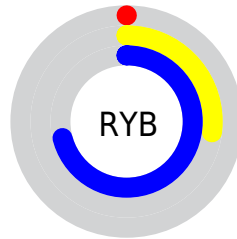
The HunterLab color **37.4438, -0.6899, -45.3122** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **37.8717, 33.3743, 23.9190**, and the grayscale version is **29.6042, -1.5796, 1.6085**.

A 20% lighter version of the original color is **57.5567, -1.6315, -46.3091**, and **22.0676, 5.8660, -40.2456** is the 20% darker color. If you saturate the color by 10%, you get **37.4401, -0.6835, -45.3215**, and if you desaturate by 10%, it is **39.6634, -3.5157, -40.1683**.

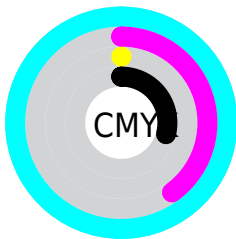
Distribution



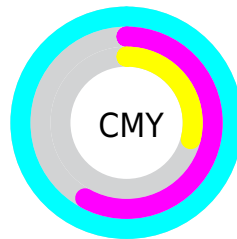
- Red (0%)
- Green (42%)
- Blue (71%)



- Red (0%)
- Yellow (27%)
- Blue (71%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4438, -0.6899, -45.3122 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 37.4438, -0.6899, -45.3122 by changing the saturation by 10% instead.

37.4438, -0.6899,
-45.3122

37.4438, -0.6899,
-45.3122

147.4314, -5.8130,
-51.0802

28.5222, -0.3246,
-44.9891

57.5551, -1.5638,
-46.5484

20.4488, -0.0171,
-45.2028

68.6398, -2.0654,
-47.2597

13.3253, 0.2235,
-46.6948

80.3568, -2.6057,
-47.9729

6.8696, 0.7587,
-55.7799

92.6736, -3.1821,
-48.6671

0.0000, NaN, -NF

0.0000, NaN, -NF

105.5625, -3.7927,
-49.3305

0.0000, NaN, -NF

118.9990, -4.4356,

0.0000, NaN, NaN

-49.9560

0.0000, NaN, NaN

132.9617, -5.1095,
-50.5399

■ 37.4438, -0.6899,
-45.3122

■ 37.4438, -0.6899,
-45.3122

■ 37.4401, -0.6835,
-45.3215

■ 39.6634, -3.5157,
-40.1683

■ 42.0587, -5.7986,
-35.0562

■ 44.6552, -7.4280,
-29.9454

■ 47.4454, -8.4189,
-24.8719

■ 50.4178, -8.8106,
-19.8659

■ 53.5595, -8.6537,
-14.9487

■ 56.8573, -8.0026,
-10.1327

■ 60.2986, -6.9109,
-5.4233

■ 63.8716, -5.4286,
-0.8205

Harmonies

Analogous

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



37.4444, -16.2538, -38.1203



37.4438, -0.6899, -45.3122



37.4444, 17.4327, -35.7711

Triad

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



37.4444, -0.6891, -45.3113



37.4444, 30.4577, 15.2867



37.4444, -27.1051, 13.9741

Complementary

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



37.4438, -0.6899, -45.3122



37.8717, 33.3743, 23.9190

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.



37.4444, -18.1331, 20.1296



37.4438, -0.6899, -45.3122



37.4444, 14.7675, 20.6100

Square

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



37.4444, -0.6891, -45.3113



37.4444, 37.3309, 3.2557



37.4444, -3.2930, 21.8654



37.4444, -29.7579, 0.7784

Rectangle

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



37.4438, -0.6899, -45.3122



37.4444, 28.0652, -22.9454



37.4444, -3.2930, 21.8654



37.4444, -24.8197, 16.6881

Sweetspot

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



37.4444, -0.6891, -45.3113



76.3198, -10.8382, -13.9860



57.5422, -46.4370, 28.3235



34.6158, -5.2369, -7.7460



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



37.4444, -0.6891, -45.3113



49.9489, -0.1256, -62.1606



19.3110, 44.3636, -119.8988



30.0826, -2.4949, -0.2430



31.4922, -0.9326, -37.3494



6.5000, -1.5992, -4.6722

Inverse Universe

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



32.8433, 59.5358, -4.3317



44.1697, 79.9783, -5.0736



59.6200, -9.2956, 36.5738



29.3053, 1.7274, 0.4124



27.4615, 49.8288, -3.9621



4.9843, 9.2449, -2.2763

Previews

White Background



This preview shows how the HunterLab color 37.4438, -0.6899, -45.3122 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 37.4438, -0.6899, -45.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

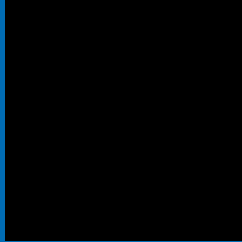
Any Text WCAG AA × Fail

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 37.4438, -0.6899, -45.3122 Background



This preview shows how black text looks on a background with the HunterLab color 37.4438, -0.6899, -45.3122.



This preview shows how white text looks on a background with the HunterLab color 37.4438, -0.6899,

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

37.4438, -0.6899, -45.3122

Protanopia

37.4361, 7.0359, -40.2299

Deuteranopia

37.6857, 3.0931, -45.5014



Tritanopia

37.3444, -18.1112, -7.5803

Trichromacy



Original Color

37.4438, -0.6899, -45.3122

Protanomaly

36.9318, 2.8369, -43.1335

Deuteranomaly

37.5670, 1.2772, -45.8238

Tritanomaly

37.1805, -12.5479, -19.3851

Monochromacy



Original Color

37.4438, -0.6899, -45.3122

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.4921, -5.7288, -13.5533

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4438, -0.6899, -45.3122 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, 108, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 180)  
}
```

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, 108, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4438, -0.6899, -45.3122 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, 108, 180) }
```


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

```
.border{ border-color:rgb(0, 108, 180) }
```

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

Here you see how a box with a 4 pixel rgb(0, 108, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4438, -0.6899, -45.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 180) }
```

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

```
.background{ background-color: rgb(0, 108,  
180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor