

Converting Colors

HunterLab(42.0066, -4.9062,
-41.9136)

Have a look what the booklet for
HunterLab(42.0066, -4.9062,
-41.9136) contains.

HunterLab(41.9442, -4.6956, -42.2902)	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(41.9442, -4.6956,
-42.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	007ABD
RGB	0, 122, 189
RGB Percent	0%, 48%, 74%
CMY	0.9999, 0.5216, 0.2588
CMYK	1.00, 0.35, 0.00, 0.26
HSL	201°, 100%, 37%
HSV	201°, 100%, 74%
XYZ	16.1448, 17.5932, 50.6890
YIQ	93.1600, -94.2190, -5.0270

Conversions

Conversions Part 2

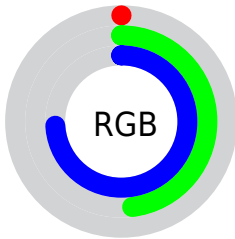
Format	Color
RYB	0, 74, 189
Decimal	31421
CIELab	49.00, -3.26, -42.94
CIELCh	49, 43.062, 265.660
Yxy	17.5937, 0.1912, 0.2084
Android (android.graphics.Color)	4278221501 (0xFF007ABD)
YUV	93.1600, 47.2491, -81.7013
Hunter-Lab	41.9442, -4.6956, -42.2902

Details

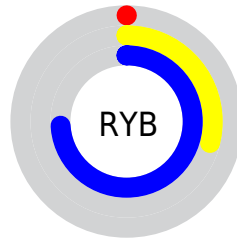
The HunterLab color **41.9442, -4.6956, -42.2902** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.5199, 39.1533, 24.4195**, and the grayscale version is **33.0042, -1.7610, 1.7932**.

A 20% lighter version of the original color is **62.7366, -5.9669, -43.8453**, and **25.7814, 2.1148, -36.7899** is the 20% darker color. If you saturate the color by 10%, you get **41.9406, -4.6895, -42.2987**, and if you desaturate by 10%, it is **44.0842, -7.2449, -37.7131**.

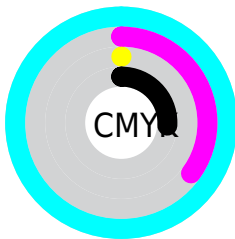
Distribution



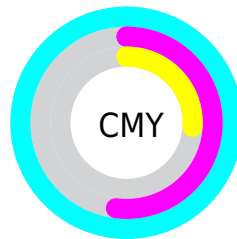
- Red (0%)
- Green (48%)
- Blue (74%)



- Red (0%)
- Yellow (29%)
- Blue (74%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9442, -4.6956, -42.2902 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 41.9442, -4.6956, -42.2902 by changing the saturation by 10% instead.

■ 41.9442, -4.6956,
-42.2902

■ 41.9442, -4.6956,
-42.2902

154.4574,
-12.0659, -47.7914

■ 32.6477, -3.9968,
-41.7738

■ 62.7246, -6.1648,
-43.6245

■ 24.1616, -3.3222,
-41.5579

■ 74.1132, -6.9368,
-44.3194

■ 16.5732, -2.6684,
-42.0425

■ 86.1181, -7.7332,
-44.9952

■ 10.0049, -2.0283,
-44.3716

■ 98.7091, -8.5536,
-45.6389

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.8603, -9.3975,
-46.2433

0.0000, NaN, -NF

■ 125.5485,

0.0000, NaN, NaN

-10.2645, -46.8046

0.0000, NaN, NaN

139.7536,
-11.1541, -47.3209

■ 41.9442, -4.6956,
-42.2902

■ 41.9442, -4.6956,
-42.2902

■ 41.9406, -4.6895,
-42.2987

■ 44.0842, -7.2449,
-37.7131

■ 46.3939, -9.2446,
-33.1013

■ 48.9015, -10.5791,
-28.4244

■ 51.6038, -11.2534,
-23.7144

■ 54.4926, -11.2987,
-19.0028

■ 57.5572, -10.7602,
-14.3157

■ 60.7862, -9.6895,
-9.6729

■ 64.1677, -8.1395,
-5.0875

■ 67.6904, -6.1611,
-0.5671

Harmonies

Analogous

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



41.9449, -19.1918, -32.5321



41.9442, -4.6956, -42.2902



41.9449, 12.9350, -36.7223

Triad

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



41.9449, -4.6949, -42.2893



41.9449, 31.6234, 13.6753



41.9449, -26.0409, 16.3503

Complementary

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



41.9442, -4.6956, -42.2902



38.5199, 39.1533, 24.4195

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.



41.9449, -15.5244, 21.7991



41.9442, -4.6956, -42.2902



41.9449, 17.9209, 20.7442

Square

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



41.9449, -4.6949, -42.2893



41.9449, 35.7489, -0.1485



41.9449, 0.2720, 23.0055



41.9449, -30.2008, 4.5775

Rectangle

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



41.9442, -4.6956, -42.2902



41.9449, 23.9016, -25.9161



41.9449, 0.2720, 23.0055



41.9449, -23.2229, 18.7648

Sweetspot

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



41.9449, -4.6949, -42.2893



81.1277, -13.0548, -13.2542



60.6557, -49.6839, 31.4413



36.7666, -6.3657, -7.3579



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.



41.9449, -4.6949, -42.2893



55.7089, -5.6014, -57.5395



21.2677, 43.4401, -120.3511



31.9761, -2.8360, -0.1344



34.6169, -4.1898, -34.2235



7.6706, -2.0708, -5.1173

Inverse Universe

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



34.9641, 63.8898, -8.5599



46.7389, 85.3235, -10.7416



60.1571, -5.3637, 36.9735



31.0439, 1.9211, 0.2577



28.7044, 52.5020, -7.3811



5.7858, 10.7660, -2.9095

Previews

White Background



This preview shows how the HunterLab color 41.9442, -4.6956, -42.2902 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 41.9442, -4.6956, -42.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

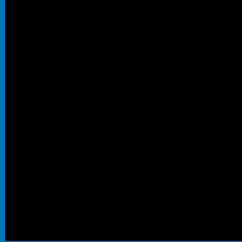
Any Text WCAG AA ✓ Pass

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 41.9442, -4.6956, -42.2902 Background



This preview shows how black text looks on a background with the HunterLab color 41.9442, -4.6956, -42.2902.

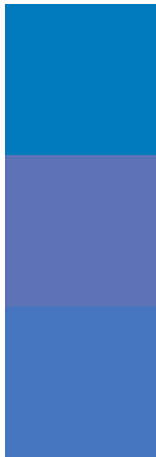


This preview shows how white text looks on a background with the HunterLab color 41.9442, -4.6956,

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

41.9442, -4.6956, -42.2902

Protanopia

41.9954, 6.3112, -36.4936

Deuteranopia

42.0779, 3.1878, -42.6583



Tritanopia

41.8754, -20.2644, -8.5955

Trichromacy



Original Color

41.9442, -4.6956, -42.2902

Protanomaly

41.3822, 0.3194, -40.2561

Deuteranomaly

41.7694, -0.7476, -43.4243

Tritanomaly

41.6606, -14.8636, -19.9858

Monochromacy



Original Color

41.9442, -4.6956, -42.2902

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.1979, -7.5857, -12.8444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9442, -4.6956, -42.2902 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, 122, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 189)  
}
```

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, 122, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9442, -4.6956, -42.2902 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, 122, 189) }
```


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

```
.border{ border-color:rgb(0, 122, 189) }
```

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

Here you see how a box with a 4 pixel rgb(0, 122, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9442, -4.6956, -42.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 189) }
```

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

```
.background{ background-color: rgb(0, 122,  
189) }
```

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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