

Converting Colors

HunterLab(36.7700, -28.3954,
-47.0646)

Have a look what the booklet for
HunterLab(36.7700, -28.3954,
-47.0646) contains.

HunterLab(42.0840, -8.1329, -35.0446)	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>	30

Color

**HunterLab(42.0840, -8.1329,
-35.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	007CB4
RGB	0, 124, 180
RGB Percent	0%, 49%, 71%
CMY	0.9999, 0.5137, 0.2941
CMYK	1.00, 0.31, 0.00, 0.29
HSL	199°, 100%, 35%
HSV	199°, 100%, 71%
XYZ	15.4459, 17.7106, 45.7845
YIQ	93.3080, -91.8800, -8.8720

Conversions

Conversions Part 2

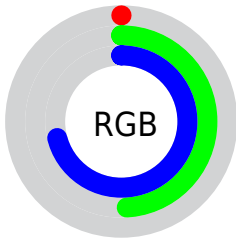
Format	Color
RYB	0, 73, 180
Decimal	31924
CIELab	49.14, -7.94, -37.52
CIELCh	49, 38.349, 258.057
Yxy	17.7112, 0.1957, 0.2244
Android (android.graphics.Color)	4278222004 (0xFF007CB4)
YUV	93.3080, 42.7392, -81.8311
Hunter-Lab	42.0840, -8.1329, -35.0446

Details

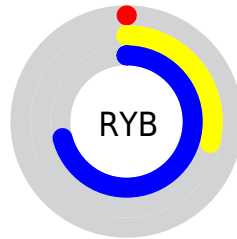
The HunterLab color **42.0840, -8.1329, -35.0446** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **35.4052, 40.0768, 22.5164**, and the grayscale version is **33.0746, -1.7648, 1.7970**.

A 20% lighter version of the original color is **62.7552, -10.0425, -36.4814**, and **25.8867, -1.0659, -30.0550** is the 20% darker color. If you saturate the color by 10%, you get **42.0810, -8.1282, -35.0512**, and if you desaturate by 10%, it is **43.9135, -10.1115, -31.4179**.

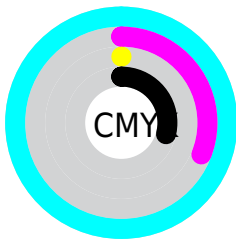
Distribution



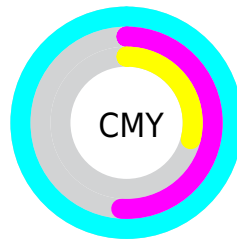
- Red (0%)
- Green (49%)
- Blue (71%)



- Red (0%)
- Yellow (29%)
- Blue (71%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0840, -8.1329, -35.0446 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 42.0840, -8.1329, -35.0446 by changing the saturation by 10% instead.

■ 42.0840, -8.1329,
-35.0446

■ 42.0840, -8.1329,
-35.0446

■ 154.6733,
-17.4936, -39.7669

■ 32.7763, -7.1367,
-34.4516

■ 62.8845, -10.1314,
-36.3371

■ 24.2780, -6.1337,
-34.0246

■ 74.2822, -11.1432,
-36.9602

■ 16.6759, -5.1084,
-34.0287

■ 86.2957, -12.1665,
-37.5455

■ 10.0917, -4.0688,
-35.2286

■ 98.8951, -13.2028,
-38.0864

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.0541,
-14.2531, -38.5796

0.0000, NaN, -NF

■ 125.7500,

0.0000, NaN, NaN

-15.3180, -39.0240

0.0000, NaN, NaN

139.9624,
-16.3980, -39.4195

■ 42.0840, -8.1329,
-35.0446

■ 42.0840, -8.1329,
-35.0446

■ 42.0810, -8.1282,
-35.0512

■ 43.9135, -10.1115,
-31.4179

■ 45.8867, -11.6057,
-27.7214

■ 48.0341, -12.4961,
-23.9193

■ 50.3563, -12.7797,
-20.0356

■ 52.8484, -12.4774,
-16.0972

■ 55.5031, -11.6249,
-12.1294

■ 58.3116, -10.2653,
-8.1534

■ 61.2644, -8.4444,
-4.1859

■ 64.3520, -6.2079,
-0.2391

Harmonies

Analogous

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



42.0847, -20.0708, -24.1107



42.0840, -8.1329, -35.0446



42.0847, 7.2092, -33.6862

Triad

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



42.0847, -8.1323, -35.0437



42.0847, 29.3340, 10.0360



42.0847, -21.8720, 16.9695

Complementary

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



42.0840, -8.1329, -35.0446



35.4052, 40.0768, 22.5164

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.



42.0847, -10.9371, 21.0897



42.0840, -8.1329, -35.0446



42.0847, 19.1451, 18.1784

Square

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



42.0847, -8.1323, -35.0437



42.0847, 30.3683, -3.8848



42.0847, 3.9790, 21.4352



42.0847, -27.2151, 7.6525

Rectangle

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



42.0840, -8.1329, -35.0446



42.0847, 17.3469, -26.0411



42.0847, 3.9790, 21.4352



42.0847, -18.8059, 18.8402

Sweetspot

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



42.0847, -8.1323, -35.0437



78.3126, -13.9366, -11.2645



57.3669, -47.5321, 30.9068



35.6694, -6.8624, -6.2692



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.



42.0847, -8.1323, -35.0437



56.2804, -10.3593, -47.9830



21.3520, 36.7904, -106.1018



30.2927, -2.8367, 0.0104



35.3312, -7.0573, -28.9262



7.0072, -2.3219, -3.7461

Inverse Universe

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



33.4058, 61.5585, -12.1827



44.9317, 82.7209, -15.7250



54.4540, -0.8973, 33.5375



29.3271, 1.8445, 0.1019



27.9290, 51.5098, -10.4842



5.0532, 9.4901, -3.2179

Previews

White Background



This preview shows how the HunterLab color 42.0840, -8.1329, -35.0446 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 42.0840, -8.1329, -35.0446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

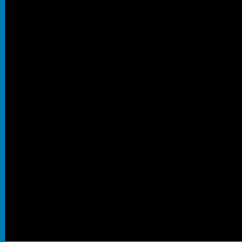
Any Text WCAG AA ✓ Pass

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 42.0840, -8.1329, -35.0446 Background



This preview shows how black text looks on a background with the HunterLab color 42.0840, -8.1329, -35.0446.

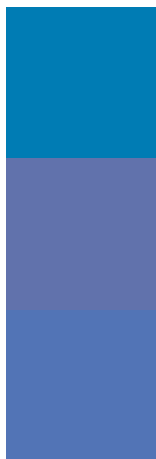


This preview shows how white text looks on a background with the HunterLab color 42.0840, -8.1329, -35.0446.

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

42.0840, -8.1329, -35.0446

Protanopia

41.8982, 5.0404, -29.3252

Deuteranopia

42.0262, 3.6224, -36.4760

Trichromacy



Original Color

42.0840, -8.1329, -35.0446

Protanomaly

41.3233, -2.3257, -32.7687

Deuteranomaly

41.5451, -2.4404, -36.8312

Monochromacy



Original Color

42.0840, -8.1329, -35.0446

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.0872, -8.2114, -11.3086

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0840, -8.1329, -35.0446 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 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, 124, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0840, -8.1329, -35.0446 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, 180) }
```

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

```
.border{ border-color:rgb(0, 124, 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, 124, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
180) }
```


Background

The CSS property to change the background color of an element to HunterLab 42.0840, -8.1329, -35.0446 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, 180) }
```

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

```
.background{ background-color: rgb(0, 124,  
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](#).

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