

Converting Colors

HunterLab(41.8449, 12.6206,
-79.5468)

Have a look what the booklet for
HunterLab(41.8449, 12.6206,
-79.5468) contains.

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Color

**HunterLab(41.8610, 12.8274,
-80.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	0071E6
RGB	0, 113, 230
RGB Percent	0%, 44%, 90%
CMY	0.9998, 0.5569, 0.0980
CMYK	1.00, 0.51, 0.00, 0.10
HSL	211°, 100%, 45%
HSV	211°, 100%, 90%
XYZ	20.1881, 17.5234, 77.1813
YIQ	92.5510, -104.9050, 12.4310

Conversions

Conversions Part 2

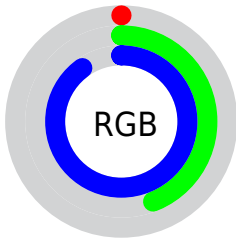
Format	Color
RYB	0, 76, 230
Decimal	29158
CIELab	48.91, 18.53, -66.41
CIELCh	49, 68.943, 285.591
Yxy	17.5239, 0.1757, 0.1525
Android (android.graphics.Color)	4278219238 (0xFF0071E6)
YUV	92.5510, 67.7624, -81.1672
Hunter-Lab	41.8610, 12.8274, -80.0133

Details

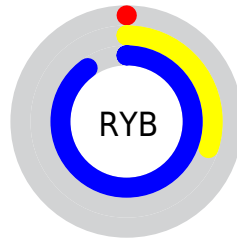
The HunterLab color **41.8610, 12.8274, -80.0133** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **54.3691, 32.9023, 34.0761**, and the grayscale version is **32.7100, -1.7453, 1.7772**.

A 20% lighter version of the original color is **60.6919, 3.4013, -54.9648**, and **26.5169, 17.8818, -71.7455** is the 20% darker color. If you saturate the color by 10%, you get **41.8529, 12.8440, -80.0391**, and if you desaturate by 10%, it is **45.2640, 7.2849, -70.0424**.

Distribution



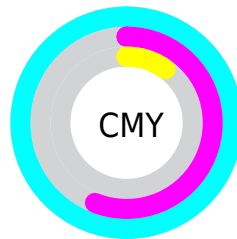
- Red (0%)
- Green (44%)
- Blue (90%)



- Red (0%)
- Yellow (30%)
- Blue (90%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (56%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8610, 12.8274, -80.0133 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 41.8610, 12.8274, -80.0133 by changing the saturation by 10% instead.

■ 41.8610, 12.8274, -80.0133

■ 41.8610, 12.8274, -80.0133

154.3287, 14.1647, -85.9184

■ 32.5710, 12.2804, -80.7582

■ 62.6293, 13.6234, -80.3369

■ 24.0923, 11.6090, -82.8234

■ 74.0124, 13.8929, -80.9352

■ 16.5121, 10.7923, -87.6092

■ 86.0122, 14.0889, -81.6710

■ 9.9532, 9.8046, -99.0727

■ 98.5983, 14.2181, -82.4843

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.7447, 14.2860, -83.3369

0.0000, NaN, -NF

125.4284, 14.2972,

0.0000, NaN, -NF

-84.2038

0.0000, NaN, NaN

139.6292, 14.2557,
-85.0681

■ 41.8610, 12.8274,
-80.0133

■ 41.8610, 12.8274,
-80.0133

■ 41.8529, 12.8440,
-80.0391

■ 45.2640, 7.2849,
-70.0424

■ 49.0086, 2.6459,
-60.3235

■ 53.0988, -0.9861,
-50.8904

■ 57.5051, -3.6593,
-41.8168

■ 62.1958, -5.4614,
-33.1366

■ 67.1409, -6.4926,
-24.8513

■ 72.3131, -6.8516,
-16.9420

■ 77.6886, -6.6286,
-9.3785

■ 83.2469, -5.9030,
-2.1260

Harmonies

Analogous

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



41.8615, -14.5157, -80.6901



41.8610, 12.8274, -80.0133



41.8615, 42.2562, -49.8991

Triad

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



41.8615, 12.8290, -80.0122



41.8615, 41.2011, 24.5583



41.8615, -41.9144, 12.8988

Complementary

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



41.8610, 12.8274, -80.0133



54.3691, 32.9023, 34.0761

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.



41.8615, -33.5254, 24.3264



41.8610, 12.8274, -80.0133



41.8615, 11.6461, 27.5294

Square

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



41.8615, 12.8290, -80.0122



41.8615, 61.2832, 13.6014



41.8615, -15.4319, 27.4857



41.8615, -41.7517, -13.4885

Rectangle

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



41.8610, 12.8274, -80.0133



41.8615, 57.1001, -24.0596



41.8615, -15.4319, 27.4857



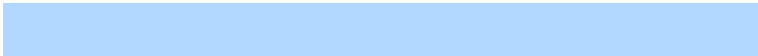
41.8615, -40.1183, 18.1091

Sweetspot

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



41.8615, 12.8290, -80.0122



81.1752, -7.7010, -19.2161



76.0479, -59.3957, 33.1679



36.4021, -3.5206, -10.6130

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.8615, 12.8290, -80.0122



46.8511, 14.8408, -90.5968



23.9059, 64.8235, -169.8065



38.7946, -2.7180, -0.8159



31.8756, 8.8922, -59.0374



9.6768, 0.5200, -13.2177

Inverse Universe

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



42.4460, 75.4910, 5.6542



47.6938, 84.7949, 6.6502



85.6838, -23.0136, 52.3939



38.0597, 2.2005, 0.9913



31.9741, 56.9433, 3.7102



8.7989, 15.8685, -0.5166

Previews

White Background



This preview shows how the HunterLab color 41.8610, 12.8274, -80.0133 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 41.8610, 12.8274, -80.0133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

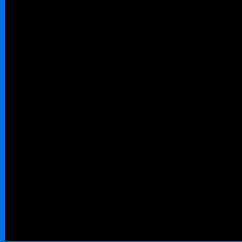
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

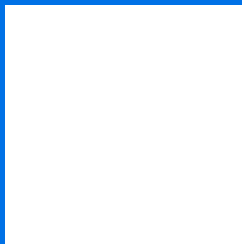
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.8610, 12.8274, -80.0133 Background



This preview shows how black text looks on a background with the HunterLab color 41.8610, 12.8274, -80.0133.



This preview shows how white text looks on a background with the HunterLab color 41.8610, 12.8274, -80.0133.

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

41.8610, 12.8274, -80.0133

Protanopia

42.0252, 14.4299, -77.4041

Deuteranopia

41.6709, 2.0292, -56.4655



Tritanopia

41.8410, -20.4681, -8.1129

Trichromacy



Original Color

41.8610, 12.8274, -80.0133

Protanomaly

41.7913, 13.8404, -79.1739

Deuteranomaly

41.6483, 5.9029, -64.7994

Tritanomaly

41.3596, -10.0866, -29.9219

Monochromacy



Original Color

41.8610, 12.8274, -80.0133

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.6804, -2.4333, -23.0996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8610, 12.8274, -80.0133 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, 113, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 230)  
}
```

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, 113, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8610, 12.8274, -80.0133 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, 113, 230) }
```


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

```
.border{ border-color:rgb(0, 113, 230) }
```

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

Here you see how a box with a 4 pixel rgb(0, 113, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8610, 12.8274, -80.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 230) }
```

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

```
.background{ background-color: rgb(0, 113,  
230) }
```

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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