

Converting Colors

HunterLab(41.8222, 10.4059,
-73.0176)

Have a look what the booklet for
HunterLab(41.8222, 10.4059,
-73.0176) contains.

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Color

**HunterLab(41.8222, 10.4059,
-73.0176)**

Conversions

Conversions Part 1

Format	Color
Hex	1272DF
RGB	18, 114, 223
RGB Percent	7%, 45%, 87%
CMY	0.9293, 0.5529, 0.1255
CMYK	0.92, 0.49, 0.00, 0.13
HSL	212°, 85%, 47%
HSV	212°, 92%, 87%
XYZ	19.5861, 17.4910, 72.1559
YIQ	97.7220, -92.2050, 13.5470

Conversions

Conversions Part 2

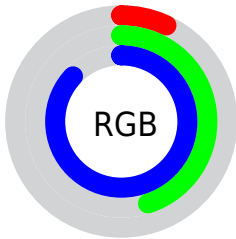
Format	Color
R_{YB}	18, 83, 223
Decimal	1209055
CIE _{Lab}	48.87, 15.71, -62.52
CIE _{LCh}	49, 64.461, 284.103
Yxy	17.4914, 0.1793, 0.1601
Android (android.graphics.Color)	4279399135 (0xFF1272DF)
YUV	97.7220, 61.7621, -69.9162
Hunter-Lab	41.8222, 10.4059, -73.0176

Details

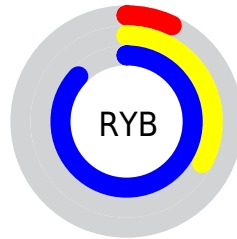
The HunterLab color **41.8222, 10.4059, -73.0176** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **55.6063, 25.1065, 34.0920**, and the grayscale version is **34.6498, -1.8488, 1.8826**.

A 20% lighter version of the original color is **61.0377, 3.0501, -54.2342**, and **26.0851, 15.8161, -66.7466** is the 20% darker color. If you saturate the color by 10%, you get **39.1288, 15.0560, -81.4091**, and if you desaturate by 10%, it is **45.4660, 5.4351, -62.9282**.

Distribution



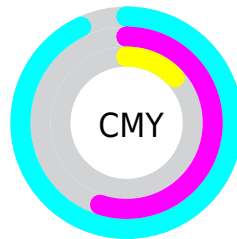
- Red (7%)
- Green (45%)
- Blue (87%)



- Red (7%)
- Yellow (33%)
- Blue (87%)



- Cyan (92%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)



- Cyan (93%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8222, 10.4059, -73.0176 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 41.8222, 10.4059, -73.0176 by changing the saturation by 10% instead.

■ 41.8222, 10.4059, -73.0176

■ 41.8222, 10.4059, -73.0176

154.2688, 10.6730, -79.2101

■ 32.5354, 10.0055, -73.4419

■ 62.5850, 10.9292, -73.6514

■ 24.0600, 9.4888, -74.9652

■ 73.9656, 11.0716, -74.3144

■ 16.4837, 8.8342, -78.7726

■ 85.9629, 11.1456, -75.0798

■ 9.9292, 8.0111, -88.2187

■ 98.5467, 11.1575, -75.8979

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.6909, 11.1123, -76.7371

0.0000, NaN, -NF

125.3725, 11.0142,

0.0000, NaN, -NF

-77.5772

0.0000, NaN, NaN

139.5712, 10.8667,
-78.4045

■ 41.8222, 10.4059,
-73.0176

■ 41.8222, 10.4059,
-73.0176

■ 39.1288, 15.0560,
-81.4091

■ 45.4660, 5.4351,
-62.9282

■ 49.4662, 1.4621,
-53.1705

■ 53.7908, -1.5527,
-43.8312

■ 58.4049, -3.6965,
-34.9464

■ 63.2759, -5.0721,
-26.5134

■ 68.3747, -5.7812,
-18.5059

■ 73.6763, -5.9162,
-10.8853

■ 79.1594, -5.5583,
-3.6090

■ 84.8057, -4.7762,
3.3654

Harmonies

Analogous

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



41.8228, -14.8441, -72.0998



41.8222, 10.4059, -73.0176



41.8228, 37.6893, -47.0301

Triad

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



41.8228, 10.4073, -73.0165



41.8228, 39.1589, 23.4756



41.8228, -39.7382, 13.1505

Complementary

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



41.8222, 10.4059, -73.0176



55.6063, 25.1065, 34.0920

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.



41.8228, -31.1990, 23.8385



41.8222, 10.4059, -73.0176



41.8228, 12.0740, 26.8850

Square

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



41.8228, 10.4073, -73.0165



41.8228, 56.7920, 12.1283



41.8228, -13.5317, 26.9594



41.8228, -39.9786, -10.7698

Rectangle

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



41.8222, 10.4059, -73.0176



41.8228, 51.6969, -23.6737



41.8228, -13.5317, 26.9594



41.8228, -37.8559, 17.9632

Sweetspot

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



41.8228, 10.4073, -73.0165



81.8546, -6.8607, -18.2093



73.7281, -55.7338, 29.1378



36.6440, -3.0988, -10.2388

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.8228, 10.4073, -73.0165



45.2841, 18.0881, -95.6483



24.3435, 58.9937, -153.9996



37.8101, -2.5364, -0.8754



30.3718, 10.7779, -61.2285



9.0413, 0.8208, -13.0727

Inverse Universe

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



41.6376, 71.5454, 4.2405



47.5408, 84.2363, 8.8499



82.4442, -23.2763, 49.9815



37.1575, 2.0987, 1.0739



31.3676, 55.6784, 5.0716



8.3665, 15.0522, -0.2086

Previews

White Background



This preview shows how the HunterLab color 41.8222, 10.4059, -73.0176 looks on a white background.

Color Contrast Check

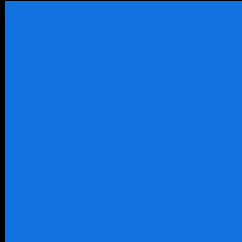
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8222, 10.4059, -73.0176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

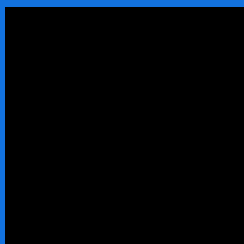
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

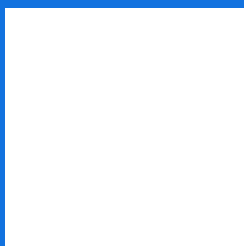
Any Text WCAG AAA × Fail

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

HunterLab 41.8222, 10.4059, -73.0176 Background



This preview shows how black text looks on a background with the HunterLab color 41.8222, 10.4059, -73.0176.



This preview shows how white text looks on a background with the HunterLab color 41.8222, 10.4059, -73.0176.

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

41.8222, 10.4059, -73.0176

Protanopia

41.9441, 13.2714, -70.6180

Deuteranopia

41.7290, 2.3413, -57.2119



Tritanopia

41.5265, -20.0817, -8.5539

Trichromacy



Original Color

41.8222, 10.4059, -73.0176

Protanomaly

41.8994, 11.8989, -71.7641

Deuteranomaly

41.8584, 4.9250, -62.3474

Tritanomaly

41.2774, -10.6626, -27.9635

Monochromacy



Original Color

41.8222, 10.4059, -73.0176

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

36.2616, -2.6026, -20.1911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8222, 10.4059, -73.0176 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(18, 114, 223)` looks like.

```
.text, #text, p{  
    color:rgb(18, 114, 223)  
}
```

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(18, 114, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 114, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8222, 10.4059, -73.0176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

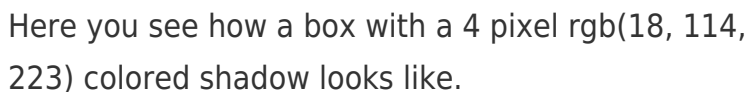
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(18, 114, 223) }
```


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

```
.border{ border-color:rgb(18, 114, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(18, 114, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 114, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 114, 223);  
box-shadow:4px 4px 4px 4px rgb(18, 114,  
223) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8222, 10.4059, -73.0176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 114, 223) }
```

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

```
.background{ background-color: rgb(18, 114,  
223) }
```

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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