

Converting Colors

HunterLab(19.0605, 43.7301,
-118.2246)

Have a look what the booklet for
HunterLab(19.0605, 43.7301,
-118.2246) contains.

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Color

**HunterLab(19.0970, 43.7134,
-118.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	0012B2
RGB	0, 18, 178
RGB Percent	0%, 7%, 70%
CMY	0.9999, 0.9294, 0.3020
CMYK	1.00, 0.90, 0.00, 0.30
HSL	234°, 100%, 35%
HSV	234°, 100%, 70%
XYZ	8.2522, 3.6470, 42.3884
YIQ	30.8580, -62.0880, 45.9440

Conversions

Conversions Part 2

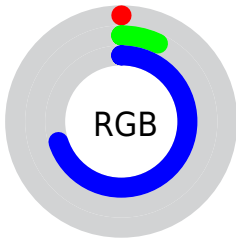
Format	Color
RYB	0, 16, 178
Decimal	4786
CIELab	22.47, 55.59, -79.71
CIELCh	22, 97.183, 304.893
Yxy	3.6469, 0.1520, 0.0672
Android (android.graphics.Color)	4278194866 (0xFF0012B2)
YUV	30.8580, 72.5410, -27.0625
Hunter-Lab	19.0970, 43.7134, -118.2344

Details

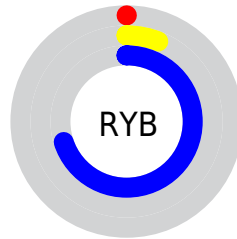
The HunterLab color **19.0970, 43.7134, -118.2344** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **58.8395, -9.1125, 36.0961**, and the grayscale version is **11.4582, -0.6114, 0.6225**.

A 20% lighter version of the original color is **35.8484, 47.6093, -107.0697**, and **12.0633, 32.7217, -85.7150** is the 20% darker color. If you saturate the color by 10%, you get **19.0939, 43.7261, -118.2579**, and if you desaturate by 10%, it is **21.1783, 37.5648, -104.2088**.

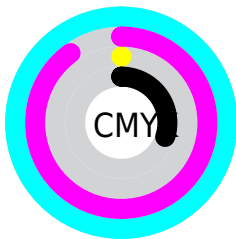
Distribution



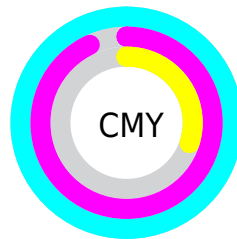
- Red (0%)
- Green (7%)
- Blue (70%)



- Red (0%)
- Yellow (6%)
- Blue (70%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (93%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0970, 43.7134, -118.2344 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 19.0970, 43.7134, -118.2344 by changing the saturation by 10% instead.

■ 19.0970, 43.7134,
-118.2344

■ 19.0970, 43.7134,
-118.2344

■ 116.5484, 59.5092,
-107.6270

■ 12.1577, 42.0051,
-133.2946

■ 35.7843, 47.7804,
-107.6066

■ 5.2272, 55.0175,
-210.6424

■ 45.3467, 49.7598,
-105.8898

0.0000, INF, -NF

0.0000, NaN, -NF

■ 55.6356, 51.6424,
-105.2075

0.0000, NaN, -NF

■ 66.6029, 53.4191,
-105.1475

0.0000, NaN, -NF

■ 78.2090, 55.0900,
-105.4763

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.4204, 56.6586,

-106.0533

0.0000, NaN, NaN

103.2085, 58.1299,
-106.7896

19.0970, 43.7134,
-118.2344

19.0970, 43.7134,
-118.2344

19.0939, 43.7261,
-118.2579

21.1783, 37.5648,
-104.2088

24.2159, 30.5332,
-87.6691

28.0712, 23.8457,
-71.2472

32.5554, 17.9772,
-56.3331

37.5198, 12.9706,
-43.2121

■ 42.8578, 8.7071,
-31.7076

■ 48.4944, 5.0395,
-21.5258

■ 54.3767, 1.8369,
-12.3865

■ 60.4665, -1.0045,
-4.0585

Harmonies

Analogous

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



19.0970, 4.0863, -170.1477



19.0970, 43.7134, -118.2344



19.0970, 82.7886, -39.2143

Triad

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



19.0970, 43.7166, -118.2349



19.0970, 29.6623, 13.3679



19.0970, -33.4159, -4.1848

Complementary

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



19.0970, 43.7134, -118.2344



58.8395, -9.1125, 36.0961

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.



19.0970, -31.4016, 13.3679



19.0970, 43.7134, -118.2344



19.0970, -5.6404, 13.3679

Square

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



19.0970, 43.7166, -118.2349



19.0970, 71.7705, 13.3679



19.0970, -23.9037, 13.3679



19.0970, -29.5102, -63.2069

Rectangle

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



19.0970, 43.7134, -118.2344



19.0970, 95.2944, -4.4410



19.0970, -23.9037, 13.3679



19.0970, -33.4087, 5.2616

Sweetspot

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



19.0970, 43.7166, -118.2349



64.8872, 7.0346, -29.6861



58.5521, -35.3156, 3.0533



29.0351, 4.2473, -16.5898



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.



19.0970, 43.7166, -118.2349



25.4136, 60.0916, -161.4854



21.1026, 51.3616, -104.4372



28.9199, -0.5611, -1.6789



16.2915, 36.4287, -99.0020



3.5809, 4.1439, -13.4213

Inverse Universe

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



30.8373, 52.9453, 18.8290



41.5063, 71.2339, 25.6336



59.2805, -36.5221, 35.8880



29.1869, 1.0907, 2.1001



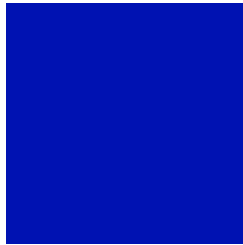
26.0923, 44.8208, 15.7979



4.6768, 8.1297, 2.0873

Previews

White Background



This preview shows how the HunterLab color 19.0970, 43.7134, -118.2344 looks on a white background.

Color Contrast Check

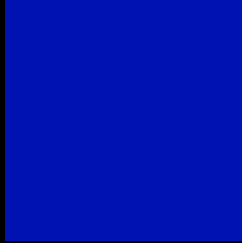
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 19.0970, 43.7134, -118.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

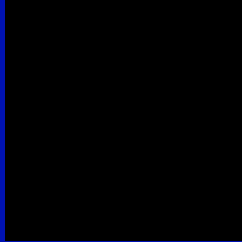
Any Text WCAG AA × Fail

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 19.0970, 43.7134, -118.2344 Background



This preview shows how black text looks on a background with the HunterLab color 19.0970, 43.7134, -118.2344.



This preview shows how white text looks on a background with the HunterLab color 19.0970, 43.7134, -118.2344.

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

19.0970, 43.7134, -118.2344

Protanopia

19.2771, 5.1349, -35.1794

Deuteranopia

19.3713, -1.3842, -21.2244



Tritanopia

19.5331, -9.9842, -2.8616

Trichromacy



Original Color

19.0970, 43.7134, -118.2344

Protanomaly

18.1526, 19.3931, -64.5532

Deuteranomaly

17.9121, 14.1512, -52.9368

Tritanomaly

17.2450, 6.3264, -35.2117

Monochromacy



Original Color

19.0970, 43.7134, -118.2344

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.3596, 10.9828, -32.4272

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0970, 43.7134, -118.2344 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, 18, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 178)  
}
```

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, 18, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0970, 43.7134, -118.2344 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, 18, 178) }
```


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

```
.border{ border-color:rgb(0, 18, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 18, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 18, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 18, 178)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0970, 43.7134, -118.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 18, 178) }
```

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

```
.background{ background-color: rgb(0, 18,  
178) }
```

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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