

Converting Colors

HunterLab(19.4303, 40.4274,
-109.5375)

Have a look what the booklet for
HunterLab(19.4303, 40.4274,
-109.5375) contains.

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Color

**HunterLab(19.4433, 40.3792,
-109.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	0B18AE
RGB	11, 24, 174
RGB Percent	4%, 9%, 68%
CMY	0.9567, 0.9059, 0.3176
CMYK	0.94, 0.86, 0.00, 0.32
HSL	235°, 88%, 36%
HSV	235°, 94%, 68%
XYZ	8.1046, 3.7804, 40.3470
YIQ	37.2130, -55.8980, 43.8940

Conversions

Conversions Part 2

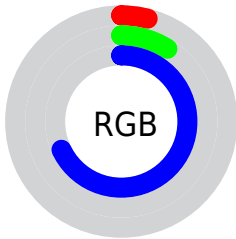
Format	Color
RYB	11, 23, 174
Decimal	727214
CIELab	22.93, 52.27, -76.53
CIELCh	23, 92.674, 304.332
Yxy	3.7804, 0.1552, 0.0724
Android (android.graphics.Color)	4278917294 (0xFF0B18AE)
YUV	37.2130, 67.4360, -22.9888
Hunter-Lab	19.4433, 40.3792, -109.4230

Details

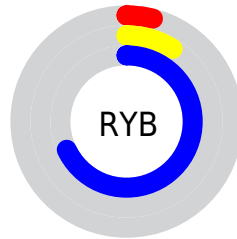
The HunterLab color **19.4433, 40.3792, -109.4230** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **58.7581, -10.8781, 35.6956**, and the grayscale version is **13.4757, -0.7190, 0.7322**.

A 20% lighter version of the original color is **36.2371, 44.1830, -100.5938**, and **11.6450, 31.5871, -82.7428** is the 20% darker color. If you saturate the color by 10%, you get **18.3463, 43.7349, -117.3423**, and if you desaturate by 10%, it is **21.9712, 33.7748, -93.9321**.

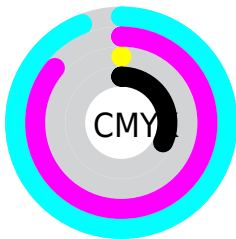
Distribution



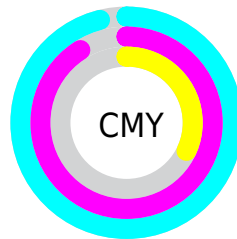
- Red (4%)
- Green (9%)
- Blue (68%)



- Red (4%)
- Yellow (9%)
- Blue (68%)



- Cyan (94%)
- Magenta (86%)
- Yellow (0%)
- Black (32%)



- Cyan (96%)
- Magenta (91%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4433, 40.3792, -109.4230 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 19.4433, 40.3792, -109.4230 by changing the saturation by 10% instead.

■ 19.4433, 40.3792,
-109.4230

■ 19.4433, 40.3792,
-109.4230

■ 117.1800, 55.2750,
-101.7336

■ 12.4560, 38.5987,
-122.1488

■ 36.2108, 44.3273,
-100.6220

■ 5.6971, 47.1856,
-180.3036

■ 45.8082, 46.2059,
-99.3141

0.0000, INF, -NF

0.0000, NaN, -NF

■ 56.1295, 47.9786,
-98.8948

0.0000, NaN, -NF

■ 67.1273, 49.6415,
-99.0070

0.0000, NaN, -NF

■ 78.7621, 51.1973,
-99.4484


0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.0008, 52.6510,


-100.0969


0.0000, NaN, NaN


 103.8150, 54.0083,
-100.8755


 19.4433, 40.3792,
-109.4230


 19.4433, 40.3792,
-109.4230

 18.3463, 43.7349,
-117.3423

 21.9712, 33.7748,
-93.9321

 25.4241, 26.9424,
-77.2477

 29.5983, 20.7214,
-61.6145

 34.3192, 15.3390,
-47.7654

 39.4587, 10.7368,
-35.6681

■ 44.9274, 6.7756,
-25.0437

■ 50.6625, 3.3175,
-15.5879

■ 56.6197, 0.2486,
-7.0401

■ 62.7665, -2.5195,
0.8057

Harmonies

Analogous

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



19.4433, 3.2643, -154.9038



19.4433, 40.3792, -109.4230



19.4433, 76.8086, -37.6134

Triad

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



19.4433, 40.3821, -109.4232



19.4433, 28.7491, 13.6103



19.4433, -32.5837, -3.2925

Complementary

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



19.4433, 40.3792, -109.4230



58.7581, -10.8781, 35.6956

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.



19.4433, -30.5935, 13.6103



19.4433, 40.3792, -109.4230



19.4433, -4.9969, 13.6103

Square

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



19.4433, 40.3821, -109.4232



19.4433, 67.8034, 13.6103



19.4433, -23.2581, 13.6103



19.4433, -29.0247, -57.0207

Rectangle

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



19.4433, 40.3792, -109.4230



19.4433, 88.7099, -4.8084



19.4433, -23.2581, 13.6103



19.4433, -32.5415, 5.5247

Sweetspot

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



19.4433, 40.3821, -109.4232



64.4575, 6.6459, -26.9789



57.3554, -32.9731, 0.1861



28.8556, 4.0876, -15.3197



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



19.4433, 40.3821, -109.4232



24.4493, 59.9759, -160.0302



22.2610, 49.0790, -92.0788



28.0282, -0.4685, -1.6756



15.7440, 36.7603, -99.0334



3.1827, 4.1873, -13.0174

Inverse Universe

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



30.5036, 50.4320, 17.9999



40.4557, 69.3900, 25.3012



57.7638, -35.7233, 34.6425



28.3290, 1.0220, 2.1042



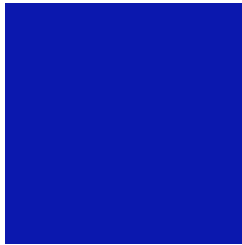
25.5994, 43.9431, 15.7402



4.3078, 7.4701, 2.0636

Previews

White Background



This preview shows how the HunterLab color 19.4433, 40.3792, -109.4230 looks on a white background.

Color Contrast Check

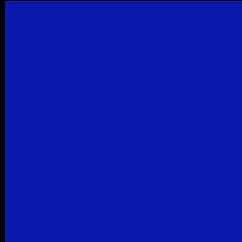
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4433, 40.3792, -109.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

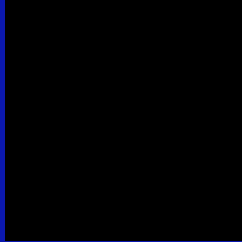
Any Text WCAG AA × Fail

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 19.4433, 40.3792, -109.4230 Background



This preview shows how black text looks on a background with the HunterLab color 19.4433, 40.3792, -109.4230.



This preview shows how white text looks on a background with the HunterLab color 19.4433, 40.3792, -109.4230.

-109.4230.

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

19.4433, 40.3792, -109.4230

Protanopia

19.5719, 4.9644, -35.1798

Deuteranopia

19.4185, -1.1251, -21.8426



Tritanopia

19.5625, -9.8099, -3.2746

Trichromacy



Original Color

19.4433, 40.3792, -109.4230

Protanomaly

18.7159, 17.6724, -60.7716

Deuteranomaly

18.3244, 13.0002, -50.1797

Tritanomaly

17.7754, 5.6149, -33.5264

Monochromacy



Original Color

19.4433, 40.3792, -109.4230

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.0286, 10.0045, -29.2889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4433, 40.3792, -109.4230 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(11, 24, 174)` looks like.

```
.text, #text, p{  
    color:rgb(11, 24, 174)  
}
```

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(11, 24, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 24, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4433, 40.3792, -109.4230 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(11, 24, 174) }
```


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

```
.border{ border-color:rgb(11, 24, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 24, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 24, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 24, 174);  
box-shadow:4px 4px 4px 4px rgb(11, 24,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.4433, 40.3792, -109.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 24, 174) }
```

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

```
.background{ background-color: rgb(11, 24,  
174) }
```

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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