

Converting Colors

HunterLab(11.8023, 11.8239,
-40.2763)

Have a look what the booklet for
HunterLab(11.8023, 11.8239,
-40.2763) contains.

HunterLab(11.7241, 11.9094, -40.3630)	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>	31

Color

**HunterLab(11.7241, 11.9094,
-40.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	001859
RGB	0, 24, 89
RGB Percent	0%, 9%, 35%
CMY	1.0000, 0.9059, 0.6510
CMYK	1.00, 0.73, 0.00, 0.65
HSL	224°, 100%, 17%
HSV	224°, 100%, 35%
XYZ	2.1298, 1.3745, 9.6043
YIQ	24.2340, -35.1690, 15.1270

Conversions

Conversions Part 2

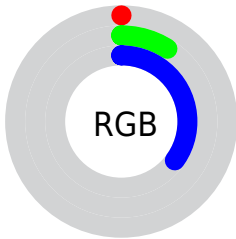
Format	Color
R_{YB}	0, 19, 89
Decimal	6233
CIE _{Lab}	11.79, 21.19, -41.12
CIE _{LCh}	12, 46.260, 297.265
Yxy	1.3746, 0.1625, 0.1049
Android (android.graphics.Color)	4278196313 (0xFF001859)
YUV	24.2340, 31.9296, -21.2532
Hunter-Lab	11.7241, 11.9094, -40.3630

Details

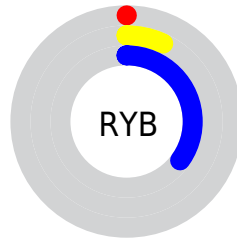
The HunterLab color **11.7241, 11.9094, -40.3630** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **24.3012, 1.6234, 15.0022**, and the grayscale version is **9.5428, -0.5092, 0.5185**.

A 20% lighter version of the original color is **26.5171, 13.6451, -38.8965**, and **4.8197, 8.2495, -23.8324** is the 20% darker color. If you saturate the color by 10%, you get **11.7230, 11.9126, -40.3685**, and if you desaturate by 10%, it is **13.1637, 9.3955, -34.2933**.

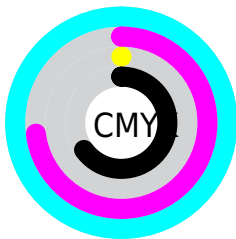
Distribution



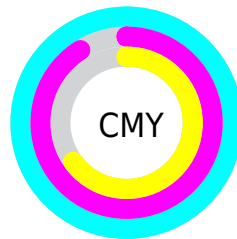
- Red (0%)
- Green (9%)
- Blue (35%)



- Red (0%)
- Yellow (7%)
- Blue (35%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7241, 11.9094, -40.3630 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 11.7241, 11.9094, -40.3630 by changing the saturation by 10% instead.

■ 11.7241, 11.9094,
-40.3630

■ 11.7241, 11.9094,
-40.3630

■ 102.3201, 17.1928,
-43.2273

■ 4.4482, 20.5220,
-64.0007

■ 26.4413, 13.9071,
-38.9949

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 35.1611, 14.6801,
-39.3851

0.0000, NaN, NaN

■ 44.6720, 15.3298,
-39.9727

0.0000, NaN, NaN

■ 54.9131, 15.8724,
-40.6370

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8356, 16.3208,
-41.3189

0.0000, NaN, NaN

■ 77.3993, 16.6851,

0.0000, NaN, NaN

-41.9877

■ 89.5704, 16.9735,
-42.6268

■ 11.7241, 11.9094,
-40.3630

■ 11.7241, 11.9094,
-40.3630

■ 11.7230, 11.9126,
-40.3685

■ 13.1637, 9.3955,
-34.2933

■ 14.7350, 7.0506,
-28.8264

■ 16.4765, 5.0721,
-23.7684

■ 18.3595, 3.4341,
-19.1487

■ 20.3602, 2.0901,
-14.9401

■ 22.4603, 0.9925,
-11.0918

■ 24.6453, 0.0985,
-7.5491

■ 26.9041, -0.6275,
-4.2611

■ 29.2277, -1.2148,
-1.1838

Harmonies

Analogous

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



11.7242, -1.7058, -49.1730



11.7241, 11.9094, -40.3630



11.7242, 25.7417, -18.4852

Triad

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



11.7242, 11.9103, -40.3628



11.7242, 14.6210, 8.2069



11.7242, -18.8075, 1.6369

Complementary

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



11.7241, 11.9094, -40.3630



24.3012, 1.6234, 15.0022

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.



11.7242, -16.0965, 8.2069



11.7241, 11.9094, -40.3630



11.7242, 0.4939, 8.2069

Square

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



11.7242, 11.9103, -40.3628



11.7242, 27.6990, 8.2069



11.7242, -9.5102, 8.2069



11.7242, -16.9168, -14.5033

Rectangle

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



11.7241, 11.9094, -40.3630



11.7242, 31.3869, -5.2966



11.7242, -9.5102, 8.2069



11.7242, -18.4041, 4.6270

Sweetspot

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



11.7242, 11.9103, -40.3628



31.9338, 0.2301, -10.2929



27.4091, -18.7132, 6.1384



15.6839, 0.2650, -5.7934



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



11.7242, 11.9103, -40.3628



14.8616, 16.8523, -54.9549



9.2888, 23.6674, -54.1887



14.6240, -0.6338, -0.4030



13.9146, 15.3576, -50.5446



30.9150, 42.4892, -130.3630

Inverse Universe

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



14.7986, 25.7857, 6.1082



19.3041, 33.5696, 8.5150



29.0456, -13.4775, 17.6614



14.5865, 0.4552, 0.7695



17.9446, 31.2215, 7.7905



42.3743, 73.4207, 20.7658

Previews

White Background



This preview shows how the HunterLab color 11.7241, 11.9094, -40.3630 looks on a white background.

Color Contrast Check

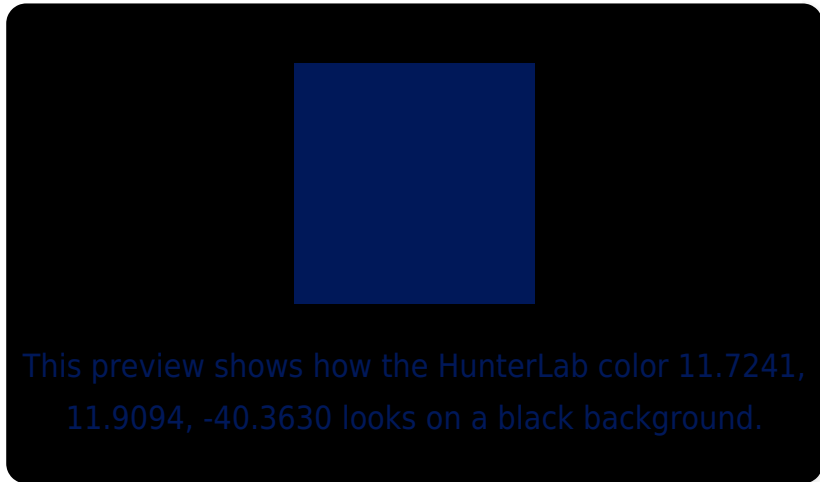
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

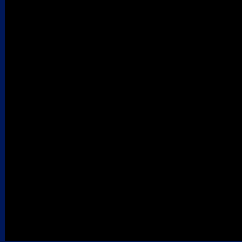
Any Text WCAG AA × Fail

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 11.7241, 11.9094, -40.3630 Background



This preview shows how black text looks on a background with the HunterLab color 11.7241, 11.9094, -40.3630.



This preview shows how white text looks on a background with the HunterLab color 11.7241, 11.9094, -40.3630.

-40.3630.

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

11.7241, 11.9094, -40.3630

Protanopia

11.9928, 1.7795, -18.8315

Deuteranopia

11.9978, -1.4981, -11.7623



Tritanopia

12.0958, -6.2419, -1.6443

Trichromacy



Original Color

11.7241, 11.9094, -40.3630

Protanomaly

11.7759, 5.3027, -26.1658

Deuteranomaly

11.6543, 3.1684, -21.4065

Tritanomaly

11.5258, -0.7334, -12.8231

Monochromacy



Original Color

11.7241, 11.9094, -40.3630

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.8398, 1.9573, -10.7516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7241, 11.9094, -40.3630 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, 24, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 24, 89)  
}
```

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, 24, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 24, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7241, 11.9094, -40.3630 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, 24, 89) }
```


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

```
.border{ border-color:rgb(0, 24, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 24, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 24, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 24, 89); box-shadow:4px  
4px 4px 4px rgb(0, 24, 89) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.7241, 11.9094, -40.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 24, 89) }
```

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

```
.background{ background-color: rgb(0, 24,  
89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor