

Converting Colors

HunterLab(15.5983, 15.3624,
-48.3866)

Have a look what the booklet for
HunterLab(15.5983, 15.3624,
-48.3866) contains.

HunterLab(15.5983, 15.3624, -48.3866)	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(15.5983, 15.3624,
-48.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	112270
RGB	17, 34, 112
RGB Percent	7%, 13%, 44%
CMY	0.9333, 0.8667, 0.5608
CMYK	0.85, 0.70, 0.00, 0.56
HSL	229°, 74%, 25%
HSV	229°, 85%, 44%
XYZ	3.7278, 2.4331, 15.6024
YIQ	37.8090, -35.1700, 20.6540

Conversions

Conversions Part 2

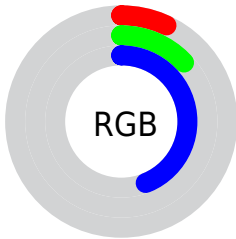
Format	Color
R_{YB}	17, 31, 112
Decimal	1122928
CIE _{Lab}	17.61, 25.00, -46.70
CIE _{LCh}	18, 52.973, 298.156
Yxy	2.4331, 0.1713, 0.1118
Android (android.graphics.Color)	4279313008 (0xFF112270)
YUV	37.8090, 36.5762, -18.2495
Hunter-Lab	15.5983, 15.3624, -48.3866

Details

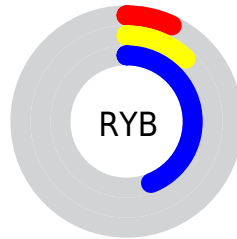
The HunterLab color **15.5983, 15.3624, -48.3866** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.1633, -2.9577, 20.0786**, and the grayscale version is **13.7559, -0.7340, 0.7474**.

A 20% lighter version of the original color is **31.4179, 17.8788, -47.5045**, and **5.9907, 16.2497, -42.5662** is the 20% darker color. If you saturate the color by 10%, you get **13.7629, 19.2433, -57.2201**, and if you desaturate by 10%, it is **17.7812, 11.8511, -39.9500**.

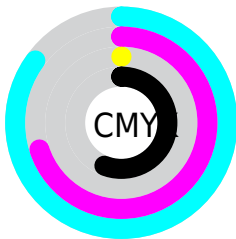
Distribution



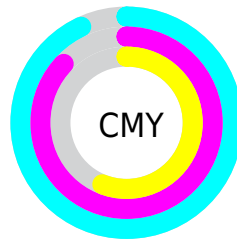
- Red (7%)
- Green (13%)
- Blue (44%)



- Red (7%)
- Yellow (12%)
- Blue (44%)



- Cyan (85%)
- Magenta (70%)
- Yellow (0%)
- Black (56%)



- Cyan (93%)
- Magenta (87%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5983, 15.3624, -48.3866 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 15.5983, 15.3624, -48.3866 by changing the saturation by 10% instead.

■ 15.5983, 15.3624,
-48.3866

■ 15.5983, 15.3624,
-48.3866

■ 110.0047, 21.6435,
-51.6770

■ 9.1807, 14.0590,
-52.2906

■ 31.4212, 17.5594,
-47.1875

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.6103, 18.4443,
-47.5670

0.0000, NaN, -NF

■ 50.5532, 19.2091,
-48.1600

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.1965, 19.8678,
-48.8490

0.0000, NaN, NaN

■ 72.4970, 20.4319,
-49.5726

0.0000, NaN, NaN

■ 84.4183, 20.9109,

0.0000, NaN, NaN

-50.2968

96.9298, 21.3126,
-51.0021

15.5983, 15.3624,
-48.3866

15.5983, 15.3624,
-48.3866

13.7629, 19.2433,
-57.2201

17.7812, 11.8511,
-39.9500

12.9280, 21.2191,
-61.9648

20.2494, 8.8370,
-32.2516

22.9440, 6.2980,
-25.3643

25.8208, 4.1652,
-19.2158

28.8469, 2.3640,
-13.6900

■ 31.9984, 0.8290,
-8.6719

■ 35.2571, -0.4932,
-4.0619

■ 38.6092, -1.6445,
0.2217

■ 42.0440, -2.6578,
4.2436

Harmonies

Analogous

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



15.5985, -1.7561, -59.6413



15.5983, 15.3624, -48.3866



15.5985, 32.2770, -21.8749

Triad

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



15.5985, 15.3634, -48.3862



15.5985, 17.6261, 10.9189



15.5985, -20.8793, 1.7116

Complementary

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



15.5983, 15.3624, -48.3866



34.1633, -2.9577, 20.0786

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.



15.5985, -18.6597, 10.2760



15.5983, 15.3624, -48.3866



15.5985, 0.1118, 10.9189

Square

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



15.5985, 15.3634, -48.3862



15.5985, 33.8956, 9.4916



15.5985, -12.3033, 10.9189



15.5985, -19.1358, -18.6091

Rectangle

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



15.5983, 15.3624, -48.3866



15.5985, 38.9549, -5.9480



15.5985, -12.3033, 10.9189



15.5985, -20.5720, 5.5197

Sweetspot

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



15.5985, 15.3634, -48.3862



42.0544, 1.2581, -12.0309



35.3925, -21.2251, 3.4658



20.0503, 0.8762, -6.7612



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



15.5985, 15.3634, -48.3862



16.7149, 29.5614, -84.7066



14.7562, 26.2114, -52.0408



18.4069, -0.5844, -0.7606



13.8021, 23.1462, -67.2174



29.2516, 57.1387, -159.9079

Inverse Universe

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



19.9033, 29.4852, 8.2724



24.7511, 42.6883, 13.6580



36.6321, -18.4575, 21.3905



18.4672, 0.6103, 1.1506



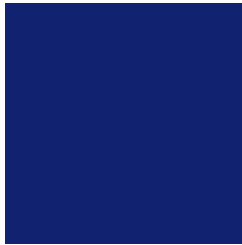
20.0951, 34.6910, 10.8333



44.7454, 77.0384, 25.7314

Previews

White Background



This preview shows how the HunterLab color 15.5983, 15.3624, -48.3866 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 15.5983, 15.3624, -48.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

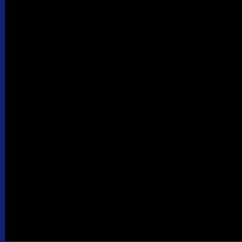
Any Text WCAG AA × Fail

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 15.5983, 15.3624, -48.3866 Background



This preview shows how black text looks on a background with the HunterLab color 15.5983, 15.3624, -48.3866.



This preview shows how white text looks on a background with the HunterLab color 15.5983, 15.3624, -48.3866.

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

15.5983, 15.3624, -48.3866

Protanopia

15.4182, 3.4796, -26.7827

Deuteranopia

15.4873, -1.2523, -16.6545



Tritanopia

15.6065, -7.9151, -2.4204

Trichromacy



Original Color

15.5983, 15.3624, -48.3866

Protanomaly

15.3389, 7.5827, -34.1295

Deuteranomaly

15.3162, 4.3278, -27.0726

Tritanomaly

15.2352, -1.1391, -15.1623

Monochromacy



Original Color

15.5983, 15.3624, -48.3866

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.0741, 2.6527, -12.3490

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5983, 15.3624, -48.3866 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(17, 34, 112)` looks like.

```
.text, #text, p{  
    color:rgb(17, 34, 112)  
}
```

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(17, 34, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 34, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5983, 15.3624, -48.3866 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(17, 34, 112) }
```


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

```
.border{ border-color:rgb(17, 34, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 34, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 34, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 34, 112);  
box-shadow:4px 4px 4px 4px rgb(17, 34,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.5983, 15.3624, -48.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 34, 112) }
```

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

```
.background{ background-color: rgb(17, 34,  
112) }
```

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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