

Converting Colors

HunterLab(59.4981, -42.4573,
15.9908)

Have a look what the booklet for
HunterLab(59.4981, -42.4573,
15.9908) contains.

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Color

**HunterLab(59.4973,
-41.8247, 15.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	00B77F
RGB	0, 183, 127
RGB Percent	0%, 72%, 50%
CMY	0.9999, 0.2823, 0.5020
CMYK	1.00, 0.00, 0.31, 0.28
HSL	162°, 100%, 36%
HSV	162°, 100%, 72%
XYZ	20.7642, 35.3993, 25.8171
YIQ	121.8990, -91.0920, -56.2120

Conversions

Conversions Part 2

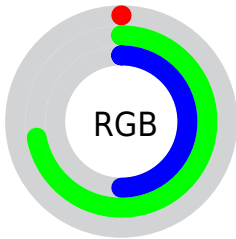
Format	Color
RYB	0, 108, 183
Decimal	46975
CIELab	66.06, -52.56, 17.69
CIELCh	66, 55.462, 161.397
Yxy	35.4007, 0.2533, 0.4318
Android (android.graphics.Color)	4278237055 (0xFF00B77F)
YUV	121.8990, 2.5148, -106.9054
Hunter-Lab	59.4973, -41.8247, 15.9210

Details

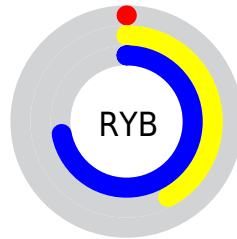
The HunterLab color **59.4973, -41.8247, 15.9210** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **32.1771, 55.9895, 13.9098**, and the grayscale version is **44.0947, -2.3528, 2.3957**.

A 20% lighter version of the original color is **82.5241, -48.7644, 18.9743**, and **40.3120, -29.6963, 13.7192** is the 20% darker color. If you saturate the color by 10%, you get **59.4983, -41.8261, 15.9229**, and if you desaturate by 10%, it is **59.7347, -40.6008, 14.2150**.

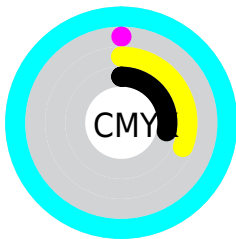
Distribution



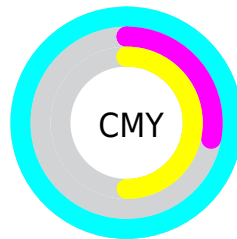
- Red (0%)
- Green (72%)
- Blue (50%)



- Red (0%)
- Yellow (42%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (28%)





- Cyan (100%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.4973, -41.8247, 15.9210 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 59.4973, -41.8247, 15.9210 by changing the saturation by 10% instead.


 59.4973, -41.8247,
15.9210


 59.4973, -41.8247,
15.9210


180.6470,
-70.3057, 29.4789


 48.9609, -38.0534,
14.3366


 82.5264, -48.8392,
19.0005


 39.1313, -34.0405,
12.7034


 94.9480, -52.1467,
20.5123

 30.0651, -29.7103,
11.0001


 107.9369,
-55.3513, 22.0134

 21.8327, -24.9467,
9.1924

 121.4695,
-58.4696, 23.5082

 14.5294, -20.4306,
7.3187

 135.5246,
-61.5146, 24.9998

 8.1903, -14.3331,
5.7332

 150.0835,

0.0000, NaN, NaN

-64.4967, 26.4909

0.0000, NaN, NaN

165.1294,
-67.4247, 27.9834

0.0000, NaN, NaN

■ 59.4973, -41.8247,
15.9210

■ 59.4973, -41.8247,
15.9210

■ 59.4983, -41.8261,
15.9229

■ 59.7347, -40.6008,
14.2150

■ 60.0794, -38.9272,
12.5342

■ 60.5687, -36.6682,
10.9287

■ 61.2177, -33.7824,
9.4280

■ 62.0366, -30.2535,
8.0577

■ 63.0324, -26.0865,
6.8386

■ 64.2085, -21.3037,
5.7876

■ 65.5658, -15.9411,
4.9164

■ 67.1028, -10.0446,
4.2323

Harmonies

Analogous

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



59.4985, -31.4352, 28.1359



59.4973, -41.8247, 15.9210



59.4985, -42.9380, -6.3971

Triad

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



59.4985, -41.8252, 15.9215



59.4985, 6.4995, -60.2371



59.4985, 36.7966, 26.0352

Complementary

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



59.4973, -41.8247, 15.9210



32.1771, 55.9895, 13.9098

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.



59.4985, 50.8922, 11.4914



59.4973, -41.8247, 15.9210



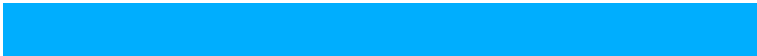
59.4985, 31.5913, -41.5868

Square

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



59.4985, -41.8252, 15.9215



59.4985, -17.5806, -57.4475



59.4985, 48.8455, -13.0481



59.4985, 12.7402, 32.1141

Rectangle

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



59.4973, -41.8247, 15.9210



59.4985, -38.5269, -25.4273



59.4985, 48.8455, -13.0481



59.4985, 43.0209, 22.2927

Sweetspot

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



59.4985, -41.8252, 15.9215



85.8420, -28.8513, 7.8105



58.9632, -46.6450, 35.5158



40.0206, -14.8615, 3.9374



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



59.4985, -41.8252, 15.9215



79.5967, -56.1395, 21.7000



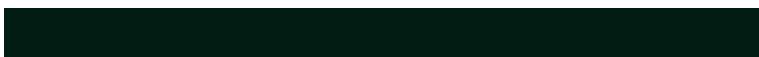
50.0583, -18.5411, -22.5425



31.8788, -4.5737, 1.9895



49.7069, -34.8558, 13.1144



9.3889, -6.2021, 1.6532

Inverse Universe

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



32.1771, 55.9895, 13.9098



43.0184, 74.7754, 19.2303



33.4468, 48.6788, 21.4612



30.0936, 1.4001, 1.4589



26.8947, 46.8394, 11.3219



5.1613, 9.2034, 0.5098

Previews

White Background



This preview shows how the HunterLab color 59.4973, -41.8247, 15.9210 looks on a white 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

Black Background



This preview shows how the HunterLab color 59.4973, -41.8247, 15.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

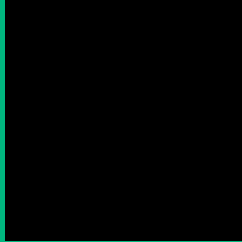
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 59.4973, -41.8247, 15.9210 Background



This preview shows how black text looks on a background with the HunterLab color 59.4973, -41.8247, 15.9210.



This preview shows how white text looks on a background with the HunterLab color 59.4973, -41.8247, 15.9210.

-41.8247, 15.9210.

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

59.4973, -41.8247, 15.9210

Protanopia

58.9196, -5.1180, 19.5895

Deuteranopia

58.9016, 4.3872, 13.6688



Tritanopia

59.4628, -24.5044, -11.7926

Trichromacy



Original Color

59.4973, -41.8247, 15.9210



Protanomaly

57.1074, -25.8607, 16.2881



Deuteranomaly

56.5434, -20.9500, 11.9592



Tritanomaly

59.1822, -32.2679, -0.2392

Monochromacy



Original Color

59.4973, -41.8247, 15.9210



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

47.9807, -21.6400, 5.6232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.4973, -41.8247, 15.9210 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, 183, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 127)  
}
```

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, 183, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 59.4973, -41.8247, 15.9210 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, 183, 127) }
```


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

```
.border{ border-color:rgb(0, 183, 127) }
```

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

Here you see how a box with a 4 pixel rgb(0, 183, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 183,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.4973, -41.8247, 15.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 183, 127) }
```

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

```
.background{ background-color: rgb(0, 183,  
127) }
```

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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