

Converting Colors

HunterLab(53.3117, -67.8101,
4.5055)

Have a look what the booklet for
HunterLab(53.3117, -67.8101,
4.5055) contains.

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Color

**HunterLab(59.7755,
-40.1245, 11.9032)**

Conversions

Conversions Part 1

Format	Color
Hex	00B78B
RGB	0, 183, 139
RGB Percent	0%, 72%, 55%
CMY	0.9999, 0.2823, 0.4549
CMYK	1.00, 0.00, 0.24, 0.28
HSL	166°, 100%, 36%
HSV	166°, 100%, 72%
XYZ	21.5937, 35.7311, 30.1848
YIQ	123.2670, -94.9440, -52.4800

Conversions

Conversions Part 2

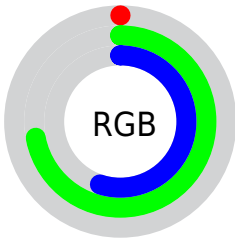
Format	Color
RYB	0, 104, 183
Decimal	46987
CIELab	66.32, -49.71, 11.51
CIELCh	66, 51.024, 166.960
Yxy	35.7325, 0.2468, 0.4083
Android (android.graphics.Color)	4278237067 (0xFF00B78B)
YUV	123.2670, 7.7564, -108.1052
Hunter-Lab	59.7755, -40.1245, 11.9032

Details

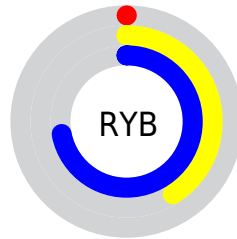
The HunterLab color **59.7755, -40.1245, 11.9032** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **32.0158, 55.3929, 16.2808**, and the grayscale version is **44.6096, -2.3803, 2.4237**.

A 20% lighter version of the original color is **82.8597, -46.7502, 14.1384**, and **40.5238, -28.3950, 10.6455** is the 20% darker color. If you saturate the color by 10%, you get **59.7764, -40.1261, 11.9054**, and if you desaturate by 10%, it is **59.9961, -39.0091, 10.4474**.

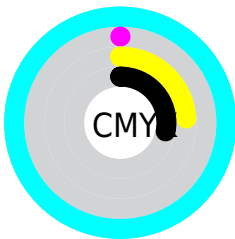
Distribution



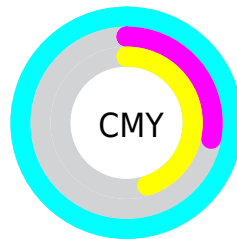
- Red (0%)
- Green (72%)
- Blue (55%)



- Red (0%)
- Yellow (41%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (28%)





- Cyan (100%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.7755, -40.1245, 11.9032 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 59.7755, -40.1245, 11.9032 by changing the saturation by 10% instead.


 59.7755, -40.1245,
11.9032


 59.7755, -40.1245,
11.9032


181.0497,
-67.3065, 22.9229


 49.2216, -36.5485,
10.6938


 82.8366, -46.7913,
14.3107


 39.3733, -32.7499,
9.4699


 95.2730, -49.9414,
15.5165


 30.2867, -28.6585,
8.2204


 108.2761,
-52.9977, 16.7279

 22.0321, -24.1657,
6.9259

 121.8223,
-55.9751, 17.9469

 14.7035, -19.6215,
5.5524

 135.8905,
-58.8858, 19.1748

 8.3613, -14.6323,
5.8529

 150.4621,

0.0000, NaN, NaN

-61.7395, 20.4129

0.0000, NaN, NaN

165.5202,
-64.5442, 21.6621

0.0000, NaN, NaN

■ 59.7755, -40.1245,
11.9032

■ 59.7755, -40.1245,
11.9032

■ 59.7764, -40.1261,
11.9054

■ 59.9961, -39.0091,
10.4474

■ 60.3212, -37.4622,
9.0561

■ 60.7881, -35.3481,
7.7795

■ 61.4119, -32.6237,
6.6452

■ 62.2032, -29.2704,
5.6757

■ 63.1691, -25.2900,
4.8884

■ 64.3133, -20.7017,
4.2958

■ 65.6370, -15.5382,
3.9055

■ 67.1393, -9.8426,
3.7203

Harmonies

Analogous

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



59.7767, -31.9276, 25.2605



59.7755, -40.1245, 11.9032



59.7767, -39.5505, -10.2050

Triad

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



59.7767, -40.1249, 11.9038



59.7767, 10.1130, -51.8170



59.7767, 29.6962, 26.3807

Complementary

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



59.7755, -40.1245, 11.9032



32.0158, 55.3929, 16.2808

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.



59.7767, 44.6783, 14.1661



59.7755, -40.1245, 11.9032



59.7767, 32.2643, -32.6937

Square

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



59.7767, -40.1249, 11.9038



59.7767, -12.7481, -53.1540



59.7767, 45.6828, -6.9198



59.7767, 7.0033, 31.2580

Rectangle

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



59.7755, -40.1245, 11.9032



59.7767, -34.2906, -27.5705



59.7767, 45.6828, -6.9198



59.7767, 35.9399, 23.2591

Sweetspot

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



59.7767, -40.1249, 11.9038



85.9839, -28.0345, 5.7827



58.6888, -47.8054, 35.3262



40.0958, -14.4257, 2.8617



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.



59.7767, -40.1249, 11.9038



79.9722, -53.8435, 16.2743



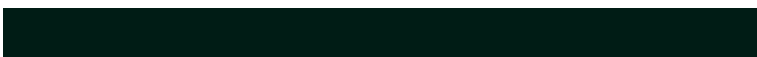
46.2426, -13.2569, -29.1797



31.8947, -4.4851, 1.7623



49.9376, -33.4460, 9.7826



9.4242, -5.9872, 1.1451

Inverse Universe

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



32.0158, 55.3929, 16.2808



42.8089, 74.0023, 22.3081



34.6461, 44.9728, 22.1350



30.0777, 1.3144, 1.6861



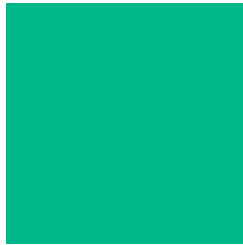
26.7568, 46.3305, 13.3458



5.1221, 9.0604, 1.0728

Previews

White Background



This preview shows how the HunterLab color 59.7755, -40.1245, 11.9032 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 59.7755, -40.1245, 11.9032 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 59.7755, -40.1245, 11.9032 Background



This preview shows how black text looks on a background with the HunterLab color 59.7755, -40.1245, 11.9032.



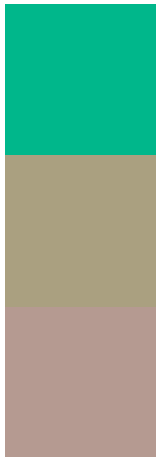
This preview shows how white text looks on a background with the HunterLab color 59.7755, -40.1245, 11.9032.

-40.1245, 11.9032.

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

59.7755, -40.1245, 11.9032

Protanopia

59.3685, -4.5413, 16.1080

Deuteranopia

59.1433, 4.3131, 9.6648



Tritanopia

59.7226, -25.1181, -12.0012

Trichromacy



Original Color

59.7755, -40.1245, 11.9032



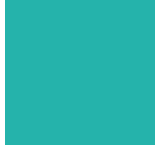
Protanomaly

57.3231, -24.4855, 12.3147



Deuteranomaly

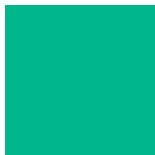
57.0423, -20.0804, 7.7871



Tritanomaly

59.6438, -31.8506, -2.1049

Monochromacy



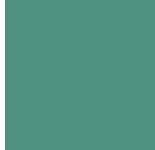
Original Color

59.7755, -40.1245, 11.9032



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

48.4309, -21.2509, 4.0452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.7755, -40.1245, 11.9032 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 59.7755, -40.1245, 11.9032 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, 139) }
```


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

```
.border{ border-color:rgb(0, 183, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 183,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.7755, -40.1245, 11.9032 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, 139) }
```

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

```
.background{ background-color: rgb(0, 183,  
139) }
```

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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