

Converting Colors

HunterLab(66.5209, -40.8381,
7.1387)

Have a look what the booklet for
HunterLab(66.5209, -40.8381,
7.1387) contains.

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Color

**HunterLab(66.6203,
-41.0245, 7.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	1CC8A8
RGB	28, 200, 168
RGB Percent	11%, 78%, 66%
CMY	0.8901, 0.2157, 0.3412
CMYK	0.86, 0.00, 0.16, 0.22
HSL	169°, 75%, 45%
HSV	169°, 86%, 78%
XYZ	28.2011, 44.3826, 44.1262
YIQ	144.9240, -92.2400, -46.4160

Conversions

Conversions Part 2

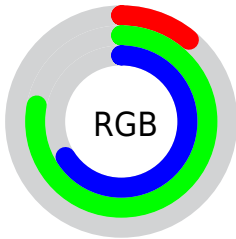
Format	Color
RYB	28, 123, 200
Decimal	1886376
CIELab	72.48, -47.91, 4.55
CIELCh	72, 48.123, 174.570
Yxy	44.3844, 0.2416, 0.3803
Android (android.graphics.Color)	4280076456 (0xFF1CC8A8)
YUV	144.9240, 11.3765, -102.5423
Hunter-Lab	66.6203, -41.0245, 7.3633

Details

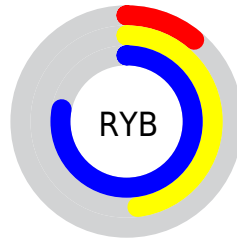
The HunterLab color **66.6203, -41.0245, 7.3633** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.6571, 57.8392, 16.6824**, and the grayscale version is **53.1662, -2.8368, 2.8886**.

A 20% lighter version of the original color is **89.4980, -46.1565, 8.0916**, and **46.3808, -30.0657, 6.9314** is the 20% darker color. If you saturate the color by 10%, you get **66.3719, -42.2421, 8.6654**, and if you desaturate by 10%, it is **67.0125, -39.2406, 6.1971**.

Distribution



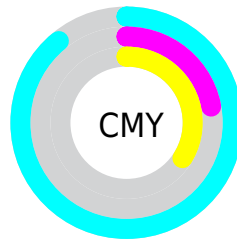
- Red (11%)
- Green (78%)
- Blue (66%)



- Red (11%)
- Yellow (48%)
- Blue (78%)



- Cyan (86%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (89%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6203, -41.0245, 7.3633 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 66.6203, -41.0245, 7.3633 by changing the saturation by 10% instead.

66.6203, -41.0245,
7.3633

66.6203, -41.0245,
7.3633

190.8597,
-66.9975, 15.7785

55.6532, -37.6736,
6.5359

90.4410, -47.3249,
9.0845

45.3631, -34.1417,
5.7286

103.2301,
-50.3216, 9.9773

35.7994, -30.3758,
4.9406

116.5708,
-53.2389, 10.8916

27.0221, -26.2965,
4.1694

130.4414,
-56.0894, 11.8272

19.1093, -21.7787,
3.4098

144.8223,
-58.8829, 12.7841

12.1683, -19.1796,
2.6512

159.6959,

5.2447, -9.1782,

-61.6278, 13.7617

3.6713

175.0465,
-64.3308, 14.7600

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6203, -41.0245,
7.3633

■ 66.6203, -41.0245,
7.3633

■ 66.3719, -42.2421,
8.6654

■ 67.0125, -39.2406,
6.1971

■ 66.2924, -42.6461,
9.2008

■ 67.5664, -36.8153,
5.1990

■ 68.2986, -33.7086,
4.3961

■ 69.2195, -29.9060,
3.8086

■ 70.3361, -25.4142,

3.4504

■ 71.6517, -20.2581,
3.3294

■ 73.1670, -14.4765,
3.4483

■ 74.8802, -8.1186,
3.8046

■ 76.7873, -1.2399,
4.3916

Harmonies

Analogous

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



66.6216, -34.9588, 23.1689



66.6203, -41.0245, 7.3633



66.6216, -38.1747, -15.6134

Triad

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



66.6216, -41.0249, 7.3640



66.6216, 15.1813, -45.0222



66.6216, 23.1027, 28.9960

Complementary

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



66.6203, -41.0245, 7.3633



36.6571, 57.8392, 16.6824

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.



66.6216, 39.9880, 18.4269



66.6203, -41.0245, 7.3633



66.6216, 35.0105, -24.5450

Square

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



66.6216, -41.0249, 7.3640



66.6216, -7.5589, -50.9458



66.6216, 44.6082, -0.3412



66.6216, 0.5389, 32.7520

Rectangle

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



66.6203, -41.0245, 7.3633



66.6216, -31.3802, -31.7251



66.6216, 44.6082, -0.3412



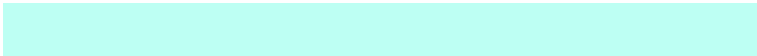
66.6216, 29.7429, 26.3324

Sweetspot

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



66.6216, -41.0249, 7.3640



94.2079, -26.9285, 4.3811



65.1395, -51.3037, 38.2397



43.2912, -13.6008, 2.0381

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.6216, -41.0249, 7.3640



87.2078, -56.2279, 12.3777



50.7198, -12.8870, -32.8514



34.6878, -4.8252, 1.7081



52.8719, -33.9341, 7.1688



11.5441, -7.1470, 0.9992

Inverse Universe

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



36.6571, 57.8392, 16.6824



46.3345, 79.8000, 26.4460



42.4786, 38.5749, 25.3157



32.6629, 1.3864, 2.0386



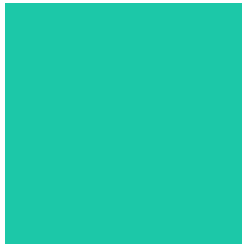
28.1128, 48.4841, 15.5292



6.1988, 10.8504, 2.1851

Previews

White Background



This preview shows how the HunterLab color 66.6203, -41.0245, 7.3633 looks on a white background.

Color Contrast Check

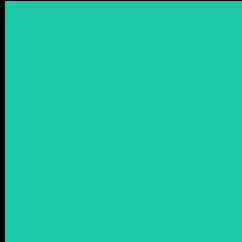
Large Text (above 18pt) WCAG AA × Fail

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 66.6203, -41.0245, 7.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

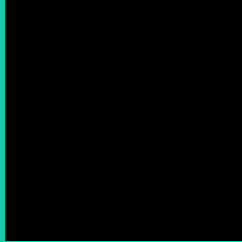
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

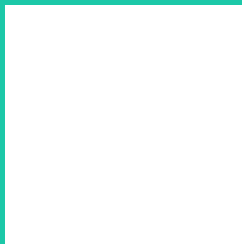
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.6203, -41.0245, 7.3633 Background



This preview shows how black text looks on a background with the HunterLab color 66.6203, -41.0245, 7.3633.



This preview shows how white text looks on a background with the HunterLab color 66.6203, -41.0245, 7.3633.

-41.0245, 7.3633.

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

66.6203, -41.0245, 7.3633

Protanopia

66.0360, -4.1725, 12.7756

Deuteranopia

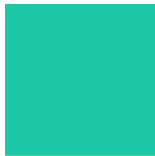
66.0690, 4.4735, 4.8541



Tritanopia

66.5288, -28.1230, -13.8361

Trichromacy



Original Color

66.6203, -41.0245, 7.3633



Protanomaly

64.6127, -23.4350, 8.8858



Deuteranomaly

64.4227, -18.5174, 3.4526



Tritanomaly

66.4064, -33.1370, -5.7577

Monochromacy



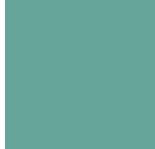
Original Color

66.6203, -41.0245, 7.3633



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

56.5994, -21.2008, 2.9355

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.6203, -41.0245, 7.3633 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(28, 200, 168)` looks like.

```
.text, #text, p{  
    color:rgb(28, 200, 168)  
}
```

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(28, 200, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 200, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 66.6203, -41.0245, 7.3633 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(28, 200, 168) }
```


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

```
.border{ border-color:rgb(28, 200, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 200, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 200, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 200, 168);  
box-shadow:4px 4px 4px 4px rgb(28, 200,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.6203, -41.0245, 7.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 200, 168) }
```

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

```
.background{ background-color: rgb(28, 200,  
168) }
```

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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