

Converting Colors

HunterLab(63.1535, -39.9489,
7.3018)

Have a look what the booklet for
HunterLab(63.1535, -39.9489,
7.3018) contains.

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Color

**HunterLab(63.0593,
-39.9019, 7.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	00BF9F
RGB	0, 191, 159
RGB Percent	0%, 75%, 62%
CMY	0.9999, 0.2510, 0.3765
CMYK	1.00, 0.00, 0.17, 0.25
HSL	170°, 100%, 37%
HSV	170°, 100%, 75%
XYZ	24.8888, 39.7648, 39.1644
YIQ	130.2430, -103.5640, -50.4440

Conversions

Conversions Part 2

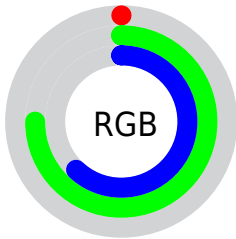
Format	Color
RYB	0, 104, 191
Decimal	49055
CIELab	69.30, -47.80, 4.84
CIELCh	69, 48.040, 174.221
Yxy	39.7663, 0.2397, 0.3830
Android (android.graphics.Color)	4278239135 (0xFF00BF9F)
YUV	130.2430, 14.1772, -114.2231
Hunter-Lab	63.0593, -39.9019, 7.3181

Details

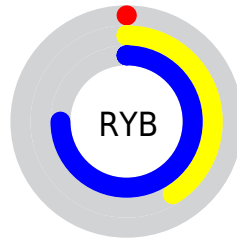
The HunterLab color **63.0593, -39.9019, 7.3181** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.4391, 57.5734, 19.1865**, and the grayscale version is **47.3217, -2.5250, 2.5711**.

A 20% lighter version of the original color is **86.3959, -46.1319, 8.7704**, and **43.2331, -28.1319, 6.6910** is the 20% darker color. If you saturate the color by 10%, you get **63.0603, -39.9035, 7.3204**, and if you desaturate by 10%, it is **63.2601, -38.9158, 6.1738**.

Distribution



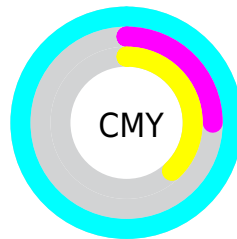
- Red (0%)
- Green (75%)
- Blue (62%)



- Red (0%)
- Yellow (41%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0593, -39.9019, 7.3181 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 63.0593, -39.9019, 7.3181 by changing the saturation by 10% instead.

63.0593, -39.9019,
7.3181

63.0593, -39.9019,
7.3181

185.7788,
-66.0306, 15.7792

52.3033, -36.5053,
6.4822

86.4913, -46.2660,
9.0531

42.2387, -32.9135,
5.6649

99.0997, -49.2853,
9.9517

32.9180, -29.0667,
4.8648

112.2675,
-52.2208, 10.8713

24.4062, -24.8740,
4.0783

125.9717,
-55.0860, 11.8118

16.7890, -20.1894,
3.2981

140.1922,
-57.8917, 12.7730

10.1874, -17.8280,
2.5733

154.9108,

0.0000, NaN, NaN

-60.6464, 13.7549

0.0000, NaN, NaN

170.1113,
-63.3574, 14.7570

0.0000, NaN, NaN

■ 63.0593, -39.9019,
7.3181

■ 63.0593, -39.9019,
7.3181

■ 63.0603, -39.9035,
7.3204

■ 63.2601, -38.9158,
6.1738

■ 63.5693, -37.4885,
5.1343

■ 64.0250, -35.4813,
4.2513

■ 64.6436, -32.8457,
3.5512

■ 65.4366, -29.5582,
3.0544

■ 66.4117, -25.6172,
2.7749

■ 67.5735, -21.0390,
2.7213

■ 68.9236, -15.8544,
2.8966

■ 70.4613, -10.1057,
3.2990

Harmonies

Analogous

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



63.0605, -33.9109, 22.5855



63.0593, -39.9019, 7.3181



63.0605, -37.2364, -15.2247

Triad

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



63.0605, -39.9022, 7.3188



63.0605, 14.7750, -44.8615



63.0605, 23.0708, 27.9776

Complementary

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



63.0593, -39.9019, 7.3181



33.4391, 57.5734, 19.1865

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.



63.0605, 39.6141, 17.7035



63.0593, -39.9019, 7.3181



63.0605, 34.3871, -24.6287

Square

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



63.0605, -39.9022, 7.3188



63.0605, -7.5355, -50.5527



63.0605, 44.0132, -0.7179



63.0605, 0.9103, 31.6211

Rectangle

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



63.0593, -39.9019, 7.3181



63.0605, -30.6954, -31.2088



63.0605, 44.0132, -0.7179



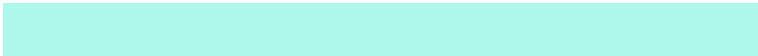
63.0605, 29.5874, 25.3978

Sweetspot

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



63.0605, -39.9022, 7.3188



90.3492, -28.4743, 3.6382



61.3359, -51.0951, 36.8997



42.0152, -14.6086, 1.7047



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.0605, -39.9022, 7.3188



84.3726, -53.5142, 10.0635



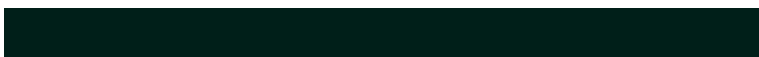
44.5732, -8.0918, -38.2425



32.8350, -4.5223, 1.5506



51.1303, -32.2872, 5.7904



10.1560, -6.1693, 0.6236

Inverse Universe

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



33.4391, 57.5734, 19.1865



44.7226, 76.9538, 26.0693



37.8964, 42.6238, 24.0966



30.9221, 1.2664, 1.9937



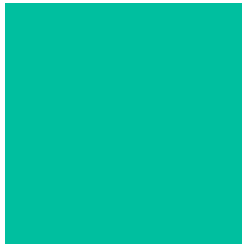
27.1220, 46.7305, 15.3306



5.4440, 9.5294, 1.9178

Previews

White Background



This preview shows how the HunterLab color 63.0593, -39.9019, 7.3181 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 63.0593, -39.9019, 7.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

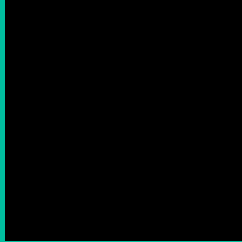
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

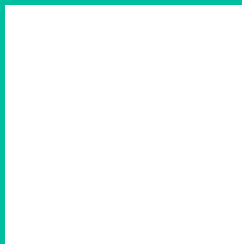
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.0593, -39.9019, 7.3181 Background



This preview shows how black text looks on a background with the HunterLab color 63.0593, -39.9019, 7.3181.



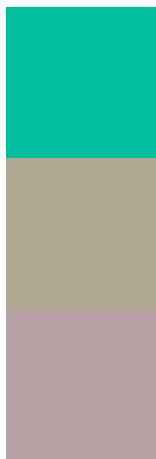
This preview shows how white text looks on a background with the HunterLab color 63.0593, -39.9019, 7.3181.

-39.9019, 7.3181.

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

63.0593, -39.9019, 7.3181

Protanopia

62.4293, -3.4890, 12.1918

Deuteranopia

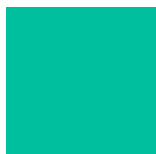
62.3471, 4.6096, 4.6468



Tritanopia

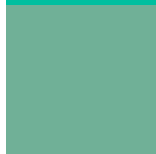
62.9923, -27.0684, -13.0903

Trichromacy



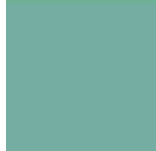
Original Color

63.0593, -39.9019, 7.3181



Protanomaly

60.6051, -24.1993, 8.2781



Deuteranomaly

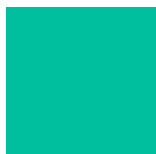
60.3184, -19.6616, 2.7641



Tritanomaly

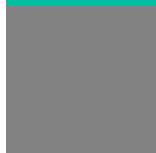
62.7700, -32.4405, -5.2436

Monochromacy



Original Color

63.0593, -39.9019, 7.3181



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

51.2041, -21.2692, 2.0007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0593, -39.9019, 7.3181 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, 191, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 159)  
}
```

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, 191, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0593, -39.9019, 7.3181 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, 191, 159) }
```


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

```
.border{ border-color:rgb(0, 191, 159) }
```

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

Here you see how a box with a 4 pixel rgb(0, 191, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0593, -39.9019, 7.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 159) }
```

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

```
.background{ background-color: rgb(0, 191,  
159) }
```

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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