

Converting Colors

HunterLab(59.9643, -39.5162,
10.3539)

Have a look what the booklet for
HunterLab(59.9643, -39.5162,
10.3539) contains.

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Color

**HunterLab(59.9004,
-39.3637, 10.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	00B790
RGB	0, 183, 144
RGB Percent	0%, 72%, 56%
CMY	0.9999, 0.2823, 0.4353
CMYK	1.00, 0.00, 0.21, 0.28
HSL	167°, 100%, 36%
HSV	167°, 100%, 72%
XYZ	21.9675, 35.8806, 32.1534
YIQ	123.8370, -96.5490, -50.9250

Conversions

Conversions Part 2

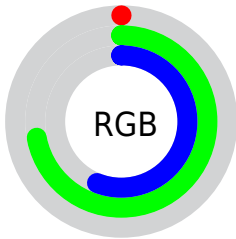
Format	Color
RYB	0, 102, 183
Decimal	46992
CIELab	66.43, -48.45, 8.93
CIELCh	66, 49.269, 169.552
Yxy	35.8820, 0.2441, 0.3987
Android (android.graphics.Color)	4278237072 (0xFF00B790)
YUV	123.8370, 9.9404, -108.6050
Hunter-Lab	59.9004, -39.3637, 10.1045

Details

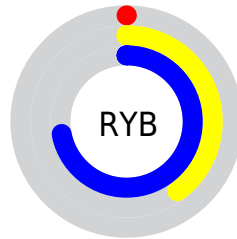
The HunterLab color **59.9004, -39.3637, 10.1045** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.9604, 55.1886, 17.0960**, and the grayscale version is **44.8238, -2.3917, 2.4354**.

A 20% lighter version of the original color is **82.9965, -45.9313, 12.1721**, and **40.6309, -27.7402, 9.0981** is the 20% darker color. If you saturate the color by 10%, you get **59.9014, -39.3651, 10.1065**, and if you desaturate by 10%, it is **60.1123, -38.3036, 8.7767**.

Distribution



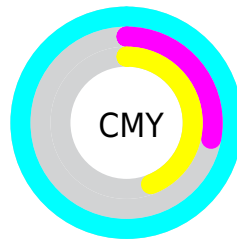
- Red (0%)
- Green (72%)
- Blue (56%)



- Red (0%)
- Yellow (40%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.9004, -39.3637, 10.1045 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 59.9004, -39.3637, 10.1045 by changing the saturation by 10% instead.

■ 59.9004, -39.3637,
10.1045

■ 59.9004, -39.3637,
10.1045

■ 181.2303,
-65.9779, 20.0996

■ 49.3387, -35.8728,
9.0449

■ 82.9758, -45.8786,
12.2424

■ 39.4820, -32.1678,
7.9840

■ 95.4189, -48.9601,
13.3252

■ 30.3863, -28.1805,
6.9147

■ 108.4284,
-51.9515, 14.4197

■ 22.1216, -23.8061,
5.8237

■ 121.9806,
-54.8673, 15.5272

■ 14.7818, -19.2749,
4.6872

■ 136.0547,
-57.7193, 16.6484

■ 8.4368, -14.7645,
4.8491

■ 150.6320,

0.0000, NaN, NaN

-60.5168, 17.7839

0.0000, NaN, NaN

165.6956,
-63.2676, 18.9342

0.0000, NaN, NaN

■ 59.9004, -39.3637,
10.1045

■ 59.9004, -39.3637,
10.1045

■ 59.9014, -39.3651,
10.1065

■ 60.1123, -38.3036,
8.7767

■ 60.4277, -36.8187,
7.5272

■ 60.8838, -34.7733,
6.4066

■ 61.4959, -32.1233,
5.4413

■ 62.2747, -28.8491,
4.6527

■ 63.2271, -24.9513,
4.0565

■ 64.3574, -20.4477,
3.6635

■ 65.6667, -15.3699,
3.4796

■ 67.1541, -9.7596,
3.5057

Harmonies

Analogous

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



59.9016, -32.0967, 23.9240



59.9004, -39.3637, 10.1045



59.9016, -38.0601, -11.8203

Triad

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



59.9016, -39.3641, 10.1051



59.9016, 11.6158, -48.3670



59.9016, 26.7702, 26.5018

Complementary

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



59.9004, -39.3637, 10.1045



31.9604, 55.1886, 17.0960

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.



59.9016, 42.0733, 15.2186



59.9004, -39.3637, 10.1045



59.9016, 32.4880, -29.1391

Square

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



59.9016, -39.3641, 10.1051



59.9016, -10.6752, -51.3061



59.9016, 44.3047, -4.5009



59.9016, 4.6620, 30.8600

Rectangle

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



59.9004, -39.3637, 10.1045



59.9016, -32.4365, -28.4182



59.9016, 44.3047, -4.5009



59.9016, 33.0084, 23.6328

Sweetspot

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



59.9016, -39.3641, 10.1051



86.0442, -27.6881, 4.9226



58.5770, -48.2796, 35.2491



40.1279, -14.2405, 2.4043



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.



59.9016, -39.3641, 10.1051



80.1412, -52.8140, 13.8407



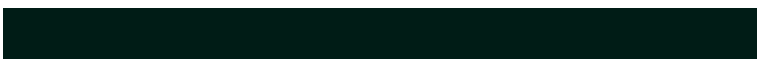
44.3780, -10.5490, -32.6947



31.9014, -4.4480, 1.6671



50.0411, -32.8156, 8.2925



9.4397, -5.8934, 0.9233

Inverse Universe

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



31.9604, 55.1886, 17.0960



42.7380, 73.7401, 23.3534



35.3717, 42.8184, 22.5446



30.0711, 1.2789, 1.7803



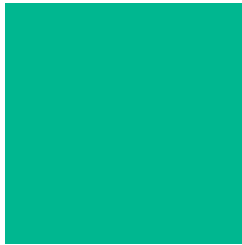
26.7091, 46.1545, 14.0469



5.1057, 9.0003, 1.3100

Previews

White Background



This preview shows how the HunterLab color 59.9004, -39.3637, 10.1045 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 59.9004, -39.3637, 10.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

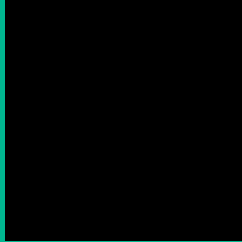
Any Text WCAG AA ✓ Pass

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 59.9004, -39.3637, 10.1045 Background



This preview shows how black text looks on a background with the HunterLab color 59.9004, -39.3637, 10.1045.



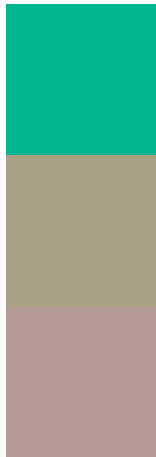
This preview shows how white text looks on a background with the HunterLab color 59.9004,

-39.3637, 10.1045.

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

59.9004, -39.3637, 10.1045

Protanopia

59.4820, -3.9173, 14.4653

Deuteranopia

59.4542, 4.1848, 7.9342



Tritanopia

60.0388, -25.5174, -12.1265

Trichromacy



Original Color

59.9004, -39.3637, 10.1045



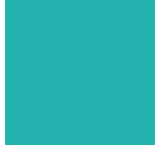
Protanomaly

57.4452, -23.7714, 10.5544



Deuteranomaly

57.1780, -19.2977, 5.8431



Tritanomaly

59.7254, -31.3339, -3.4985

Monochromacy



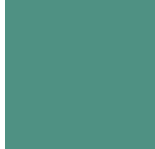
Original Color

59.9004, -39.3637, 10.1045



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

48.5302, -20.7570, 3.3071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.9004, -39.3637, 10.1045 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 59.9004, -39.3637, 10.1045 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, 144) }
```


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

```
.border{ border-color:rgb(0, 183, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 183,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.9004, -39.3637, 10.1045 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, 144) }
```

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

```
.background{ background-color: rgb(0, 183,  
144) }
```

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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