

Converting Colors

HunterLab(60.5349, -39.3115,
10.4194)

Have a look what the booklet for
HunterLab(60.5349, -39.3115,
10.4194) contains.

HunterLab(60.3771, -39.1381, 10.2131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(60.3771,
-39.1381, 10.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	12B891
RGB	18, 184, 145
RGB Percent	7%, 72%, 57%
CMY	0.9294, 0.2784, 0.4314
CMYK	0.90, 0.00, 0.21, 0.28
HSL	166°, 82%, 40%
HSV	166°, 90%, 72%
XYZ	22.5008, 36.4539, 32.6385
YIQ	129.9200, -86.4170, -47.3210

Conversions

Conversions Part 2

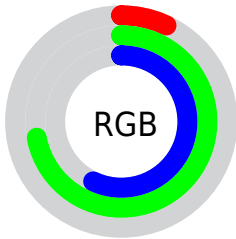
Format	Color
RYB	18, 112, 184
Decimal	1226897
CIELab	66.87, -47.87, 9.02
CIELCh	67, 48.714, 169.328
Yxy	36.4554, 0.2457, 0.3980
Android (android.graphics.Color)	4279416977 (0xFF12B891)
YUV	129.9200, 7.4344, -98.1538
Hunter-Lab	60.3771, -39.1381, 10.2131

Details

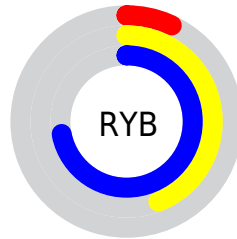
The HunterLab color **60.3771, -39.1381, 10.2131** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.0445, 54.1157, 14.3601**, and the grayscale version is **47.2141, -2.5192, 2.5652**.

A 20% lighter version of the original color is **83.5469, -45.5106, 12.3394**, and **40.9774, -27.9400, 9.0962** is the 20% darker color. If you saturate the color by 10%, you get **60.1651, -40.2214, 11.6253**, and if you desaturate by 10%, it is **60.7002, -37.6073, 8.8385**.

Distribution



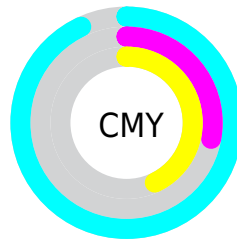
- Red (7%)
- Green (72%)
- Blue (57%)



- Red (7%)
- Yellow (44%)
- Blue (72%)



- Cyan (90%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)



- Cyan (93%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3771, -39.1381, 10.2131 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 60.3771, -39.1381, 10.2131 by changing the saturation by 10% instead.

■ 60.3771, -39.1381,
10.2131

■ 60.3771, -39.1381,
10.2131

181.9193,
-65.4641, 20.2471

■ 49.7856, -35.6936,
9.1484

■ 83.5071, -45.5730,
12.3606

■ 39.8971, -32.0407,
8.0824

■ 95.9754, -48.6192,
13.4479

■ 30.7668, -28.1136,
7.0078

■ 109.0091,
-51.5775, 14.5469

■ 22.4641, -23.8108,
5.9114

■ 122.5846,
-54.4624, 15.6587

■ 15.0814, -19.2185,
4.7699

■ 136.6810,
-57.2852, 16.7840

■ 8.7187, -15.2577,
4.7637

151.2798,

0.0000, NaN, NaN

-60.0549, 17.9236

0.0000, NaN, NaN

166.3643,
-62.7791, 19.0779

0.0000, NaN, NaN

■ 60.3771, -39.1381,
10.2131

■ 60.3771, -39.1381,
10.2131

■ 60.1651, -40.2214,
11.6253

■ 60.7002, -37.6073,
8.8385

■ 61.1642, -35.5079,
7.5810

■ 61.7858, -32.7960,
6.4690

■ 62.5755, -29.4521,
5.5249

■ 63.5407, -25.4773,
4.7661

■ 64.6853, -20.8902,
4.2050

■ 66.0106, -15.7234,
3.8489

■ 67.5155, -10.0197,
3.7005

■ 69.1971, -3.8287,
3.7582

Harmonies

Analogous

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



60.3783, -31.8382, 23.9246



60.3771, -39.1381, 10.2131



60.3783, -37.9032, -11.4543

Triad

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



60.3783, -39.1385, 10.2137



60.3783, 11.2823, -47.7392



60.3783, 26.5904, 26.3800

Complementary

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



60.3771, -39.1381, 10.2131



33.0445, 54.1157, 14.3601

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.



60.3783, 41.6333, 15.0492



60.3771, -39.1381, 10.2131



60.3783, 31.9648, -28.8996

Square

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



60.3783, -39.1385, 10.2137



60.3783, -10.7922, -50.4874



60.3783, 43.7288, -4.5730



60.3783, 4.7346, 30.8052

Rectangle

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



60.3771, -39.1381, 10.2131



60.3783, -32.3453, -27.8343



60.3783, 43.7288, -4.5730



60.3783, 32.7360, 23.4875

Sweetspot

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



60.3783, -39.1385, 10.2137



87.5580, -26.2833, 5.5014



59.3898, -46.5723, 35.2084



40.3887, -13.2481, 2.6468



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.



60.3783, -39.1385, 10.2137



80.9805, -54.2990, 15.9973



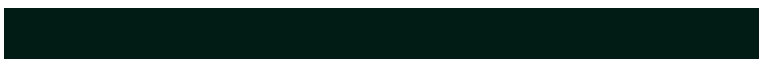
48.0484, -14.7990, -26.6110



31.8960, -4.4776, 1.7431



49.9581, -33.3210, 9.4873



9.4273, -5.9685, 1.1009

Inverse Universe

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



33.0445, 54.1157, 14.3601



43.3145, 74.8439, 22.8227



36.6268, 40.5248, 22.3513



30.0764, 1.3073, 1.7051



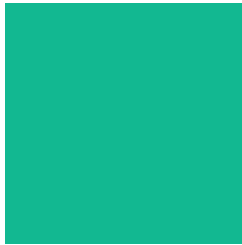
26.7467, 46.2934, 13.4936



5.1188, 9.0483, 1.1205

Previews

White Background



This preview shows how the HunterLab color 60.3771, -39.1381, 10.2131 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 60.3771, -39.1381, 10.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

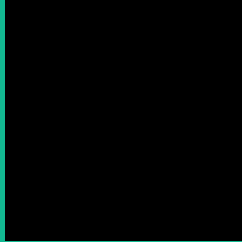
Any Text WCAG AA ✓ Pass

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 60.3771, -39.1381, 10.2131 Background



This preview shows how black text looks on a background with the HunterLab color 60.3771, -39.1381, 10.2131.



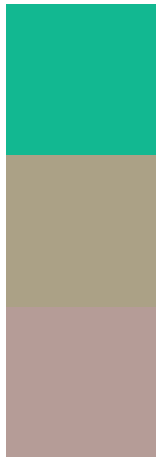
This preview shows how white text looks on a background with the HunterLab color 60.3771,

-39.1381, 10.2131.

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

60.3771, -39.1381, 10.2131

Protanopia

59.8906, -3.9433, 14.5072

Deuteranopia

59.8624, 4.1687, 7.9617



Tritanopia

60.4534, -25.5401, -12.1055

Trichromacy



Original Color

60.3771, -39.1381, 10.2131



Protanomaly

58.1857, -22.5366, 10.9581



Deuteranomaly

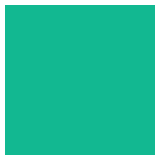
57.9482, -17.9720, 6.3006



Tritanomaly

60.2090, -31.0848, -3.3821

Monochromacy



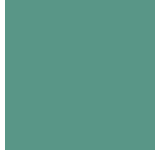
Original Color

60.3771, -39.1381, 10.2131



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

50.6812, -20.3672, 4.0577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3771, -39.1381, 10.2131 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(18, 184, 145)` looks like.

```
.text, #text, p{  
    color:rgb(18, 184, 145)  
}
```

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(18, 184, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 184, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3771, -39.1381, 10.2131 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(18, 184, 145) }
```


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

```
.border{ border-color:rgb(18, 184, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 184, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 184, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 184, 145);  
box-shadow:4px 4px 4px 4px rgb(18, 184,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3771, -39.1381, 10.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 184, 145) }
```

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

```
.background{ background-color: rgb(18, 184,  
145) }
```

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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