

Converting Colors

HunterLab(59.7786, -35.3346,
1.5593)

Have a look what the booklet for
HunterLab(59.7786, -35.3346,
1.5593) contains.

HunterLab(59.7730, -35.2468, 1.3766)	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(59.7730,
-35.2468, 1.3766)**

Conversions

Conversions Part 1	
Format	Color
Hex	00B5A4
RGB	0, 181, 164
RGB Percent	0%, 71%, 64%
CMY	0.9999, 0.2902, 0.3569
CMYK	1.00, 0.00, 0.09, 0.29
HSL	174°, 100%, 35%
HSV	174°, 100%, 71%
XYZ	23.2247, 35.7281, 40.7941
YIQ	124.9430, -102.4190, -43.6590

Conversions

Conversions Part 2

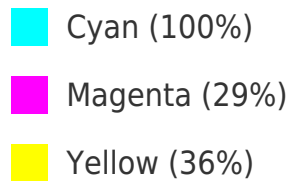
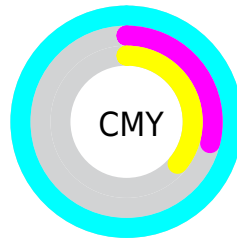
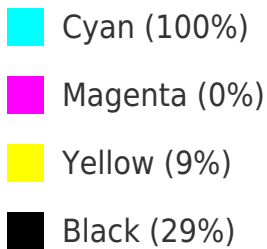
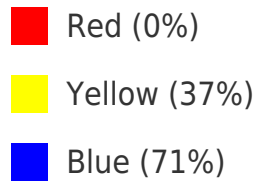
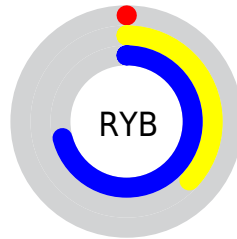
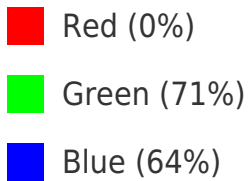
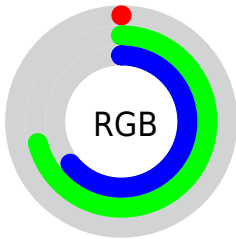
Format	Color
RYB	0, 95, 181
Decimal	46500
CIELab	66.31, -42.20, -2.26
CIELCh	66, 42.263, 183.071
Yxy	35.7295, 0.2328, 0.3582
Android (android.graphics.Color)	4278236580 (0xFF00B5A4)
YUV	124.9430, 19.2551, -109.5750
Hunter-Lab	59.7730, -35.2468, 1.3766

Details

The HunterLab color **59.7730, -35.2468, 1.3766** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **31.4090, 53.9132, 19.2946**, and the grayscale version is **45.2231, -2.4130, 2.4571**.

A 20% lighter version of the original color is **82.9821, -41.1118, 2.5297**, and **40.4334, -24.3426, 2.0105** is the 20% darker color. If you saturate the color by 10%, you get **59.7739, -35.2480, 1.3782**, and if you desaturate by 10%, it is **59.9341, -34.5025, 0.7801**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 59.7730, -35.2468, 1.3766 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 59.7730, -35.2468, 1.3766 by changing the saturation by 10% instead.


 59.7730, -35.2468,
1.3766


 59.7730, -35.2468,
1.3766


181.0460,
-59.1103, 7.1624


 49.2192, -32.1625,
0.9166


 82.8338, -41.0323,
2.4234


 39.3711, -28.9010,
0.5022


 95.2700, -43.7821,
3.0033

 30.2847, -25.4043,
0.1390


 108.2730,
-46.4593, 3.6182

 22.0302, -21.5819,
-0.1664

 121.8191,
-49.0763, 4.2662

 14.7019, -17.3964,
-0.4045

 135.8872,
-51.6427, 4.9460

 8.3598, -14.6296,
-0.6675

150.4587,

0.0000, NaN, NaN

-54.1664, 5.6560

0.0000, NaN, NaN

165.5167,
-56.6538, 6.3952

0.0000, NaN, NaN

■ 59.7730, -35.2468,
1.3766

■ 59.7730, -35.2468,
1.3766

■ 59.7739, -35.2480,
1.3782

■ 59.9341, -34.5025,
0.7801

■ 60.1939, -33.3618,
0.3045

■ 60.5894, -31.6890,
-0.0005

■ 61.1358, -29.4371,
-0.1132

■ 61.8442, -26.5821,
-0.0185

■ 62.7221, -23.1193,
0.2925

■ 63.7738, -19.0607,
0.8231

■ 65.0013, -14.4321,
1.5717

■ 66.4041, -9.2700,
2.5322

Harmonies

Analogous

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



59.7741, -32.1932, 16.8557



59.7730, -35.2468, 1.3766



59.7741, -30.6312, -18.7806

Triad

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



59.7741, -35.2470, 1.3773



59.7741, 17.8960, -33.4449



59.7741, 14.1216, 26.5514

Complementary

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



59.7730, -35.2468, 1.3766



31.4090, 53.9132, 19.2946

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.



59.7741, 30.3090, 19.1741



59.7730, -35.2468, 1.3766



59.7741, 32.6709, -14.5598

Square

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



59.7741, -35.2470, 1.3773



59.7741, -1.2389, -42.4228



59.7741, 37.4708, 5.0711



59.7741, -5.1216, 28.4563

Rectangle

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



59.7730, -35.2468, 1.3766



59.7741, -23.4456, -31.3852



59.7741, 37.4708, 5.0711



59.7741, 20.1772, 24.7720

Sweetspot

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



59.7741, -35.2470, 1.3773



85.2670, -25.8074, 1.0577



57.6010, -48.8133, 34.6381



39.3588, -13.0812, 0.3412



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



59.7741, -35.2470, 1.3773



79.9811, -47.2398, 2.0078



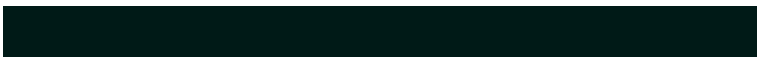
37.6713, -0.6847, -45.6052



31.0121, -4.1522, 1.2144



49.6343, -29.2322, 1.0653



8.8267, -5.0499, -0.1313

Inverse Universe

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



31.4090, 53.9132, 19.2946



42.0146, 72.0895, 26.0773



38.0960, 33.6086, 24.0617



29.1853, 1.0821, 2.1230



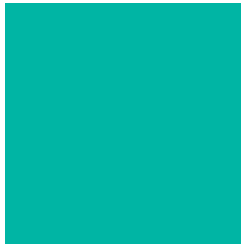
26.0865, 44.7993, 15.8839



4.6726, 8.1144, 2.1484

Previews

White Background



This preview shows how the HunterLab color 59.7730, -35.2468, 1.3766 looks on a white background.

Color Contrast Check

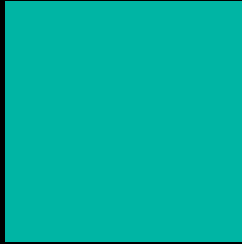
Large Text (above 18pt) WCAG AA × Fail

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 59.7730, -35.2468, 1.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

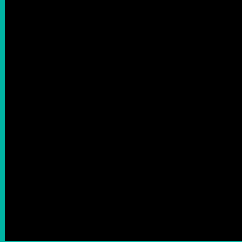
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

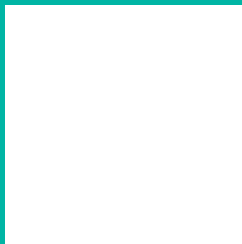
Any Text WCAG AAA ✓ Pass

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

HunterLab 59.7730, -35.2468, 1.3766 Background



This preview shows how black text looks on a background with the HunterLab color 59.7730, -35.2468, 1.3766.



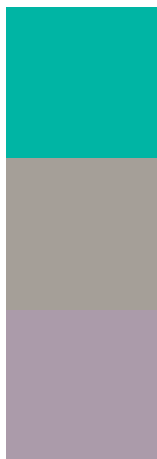
This preview shows how white text looks on a background with the HunterLab color 59.7730, -35.2468, 1.3766.

-35.2468, 1.3766.

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

59.7730, -35.2468, 1.3766

Protanopia

59.2137, -2.3888, 6.7013

Deuteranopia

59.1632, 4.3900, -1.5787



Tritanopia

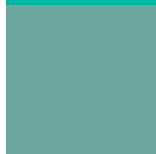
59.8028, -26.4281, -12.4800

Trichromacy



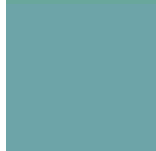
Original Color

59.7730, -35.2468, 1.3766



Protanomaly

57.4813, -20.9548, 2.6107



Deuteranomaly

57.1220, -16.6853, -3.5456



Tritanomaly

59.5300, -29.9122, -7.3814

Monochromacy



Original Color

59.7730, -35.2468, 1.3766



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

48.8061, -19.2354, 0.0643

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.7730, -35.2468, 1.3766 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, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 164)  
}
```

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, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 59.7730, -35.2468, 1.3766 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, 181, 164) }
```


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

```
.border{ border-color:rgb(0, 181, 164) }
```

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

Here you see how a box with a 4 pixel rgb(0, 181, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.7730, -35.2468, 1.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 164) }
```

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

```
.background{ background-color: rgb(0, 181,  
164) }
```

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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