

Converting Colors

HunterLab(61.6228, -35.9021,
-1.8825)

Have a look what the booklet for
HunterLab(61.6228, -35.9021,
-1.8825) contains.

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Color

**HunterLab(61.8166,
-35.1328, -1.4237)**

Conversions

Conversions Part 1

Format	Color
Hex	00BAAF
RGB	0, 186, 175
RGB Percent	0%, 73%, 69%
CMY	0.9999, 0.2706, 0.3137
CMYK	1.00, 0.00, 0.06, 0.27
HSL	176°, 100%, 36%
HSV	176°, 100%, 73%
XYZ	25.2968, 38.2129, 46.6000
YIQ	129.1320, -107.3250, -42.8530

Conversions

Conversions Part 2

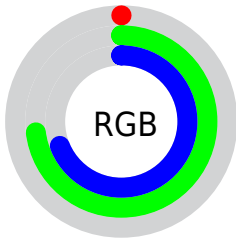
Format	Color
RYB	0, 96, 186
Decimal	47791
CIELab	68.18, -41.21, -5.59
CIELCh	68, 41.588, 187.720
Yxy	38.2144, 0.2297, 0.3470
Android (android.graphics.Color)	4278237871 (0xFF00BAAF)
YUV	129.1320, 22.6129, -113.2488
Hunter-Lab	61.8166, -35.1328, -1.4237

Details

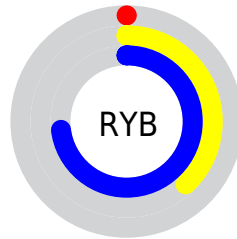
The HunterLab color **61.8166, -35.1328, -1.4237** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **32.3487, 55.4674, 20.3220**, and the grayscale version is **46.8543, -2.5000, 2.5457**.

A 20% lighter version of the original color is **85.1608, -40.8991, -0.3608**, and **42.3469, -24.2565, -0.5671** is the 20% darker color. If you saturate the color by 10%, you get **61.8175, -35.1340, -1.4223**, and if you desaturate by 10%, it is **61.9616, -34.4894, -1.7772**.

Distribution



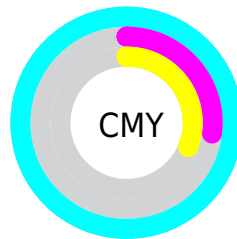
- Red (0%)
- Green (73%)
- Blue (69%)



- Red (0%)
- Yellow (38%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8166, -35.1328, -1.4237 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 61.8166, -35.1328, -1.4237 by changing the saturation by 10% instead.

61.8166, -35.1328,
-1.4237

61.8166, -35.1328,
-1.4237

183.9942,
-58.4626, 3.2626

51.1362, -32.1398,
-1.7340

85.1097, -40.7646,
-0.6548

41.1524, -28.9839,
-1.9902

97.6536, -43.4480,
-0.2051

31.9191, -25.6128,
-2.1850

110.7597,
-46.0641, 0.2847

23.5032, -21.9457,
-2.3099

124.4046,
-48.6243, 0.8121

15.9933, -17.8495,
-2.3529

138.5680,
-51.1375, 1.3752

9.5159, -16.6529,
-2.2975

153.2315,

0.0000, NaN, -NF

-53.6112, 1.9723

0.0000, NaN, NaN

168.3785,
-56.0512, 2.6019

0.0000, NaN, NaN

■ 61.8166, -35.1328,
-1.4237

■ 61.8166, -35.1328,
-1.4237

■ 61.8175, -35.1340,
-1.4223

■ 61.9616, -34.4894,
-1.7772

■ 62.2085, -33.4380,
-1.9970

■ 62.5951, -31.8411,
-2.0331

■ 63.1372, -29.6483,
-1.8641

■ 63.8465, -26.8329,
-1.4762

■ 64.7308, -23.3883,
-0.8621

■ 65.7951, -19.3250,
-0.0205

■ 67.0414, -14.6682,
1.0448

■ 68.4695, -9.4545,
2.3255

Harmonies

Analogous

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



61.8178, -33.2583, 15.0098



61.8166, -35.1328, -1.4237



61.8178, -29.3201, -21.5179

Triad

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



61.8178, -35.1329, -1.4229



61.8178, 20.3450, -30.3872



61.8178, 10.9740, 27.4364

Complementary

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



61.8166, -35.1328, -1.4237



32.3487, 55.4674, 20.3220

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.



61.8178, 27.8893, 20.8888



61.8166, -35.1328, -1.4237



61.8178, 33.7335, -11.1061

Square

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



61.8178, -35.1329, -1.4229



61.8178, 1.6174, -41.1967



61.8178, 36.6473, 7.7980



61.8178, -8.0718, 28.6208

Rectangle

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



61.8166, -35.1328, -1.4237



61.8178, -21.4069, -33.2328



61.8178, 36.6473, 7.7980



61.8178, 17.1613, 25.9097

Sweetspot

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



61.8178, -35.1329, -1.4229



88.4998, -26.3184, -0.0933



59.3299, -50.5227, 35.6733



41.2341, -13.4770, -0.2835



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



61.8178, -35.1329, -1.4229



83.2167, -47.3473, -1.8043



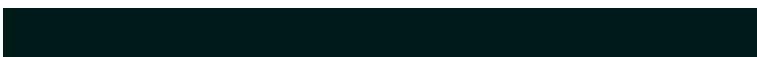
37.0589, 2.3764, -51.4470



31.9393, -4.2367, 1.1256



50.7074, -28.7940, -1.2217



9.5353, -5.3184, -0.4375

Inverse Universe

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



32.3487, 55.4674, 20.3220



43.5363, 74.6322, 27.5515



40.3337, 31.9338, 25.4111



30.0343, 1.0808, 2.3056



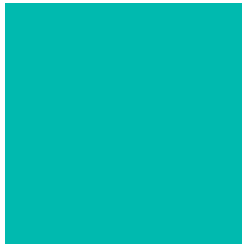
26.5392, 45.5251, 16.5600



5.0122, 8.6560, 2.6764

Previews

White Background



This preview shows how the HunterLab color 61.8166, -35.1328, -1.4237 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 61.8166, -35.1328, -1.4237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

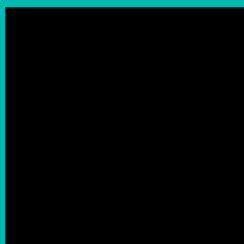
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

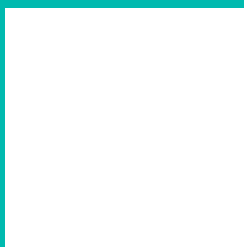
Any Text WCAG AAA ✓ Pass

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

HunterLab 61.8166, -35.1328, -1.4237 Background



This preview shows how black text looks on a background with the HunterLab color 61.8166, -35.1328, -1.4237.



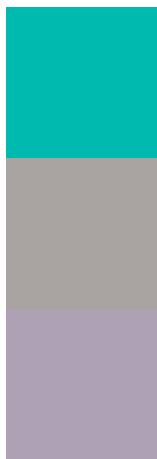
This preview shows how white text looks on a background with the HunterLab color 61.8166,

-35.1328, -1.4237.

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

61.8166, -35.1328, -1.4237

Protanopia

61.3144, -2.0326, 4.6922

Deuteranopia

61.2180, 4.7388, -4.5340



Tritanopia

62.0143, -27.5774, -13.3489

Trichromacy



Original Color

61.8166, -35.1328, -1.4237



Protanomaly

59.5678, -20.6032, -0.0440



Deuteranomaly

59.1693, -16.4216, -6.5624



Tritanomaly

61.8318, -30.5872, -9.1476

Monochromacy



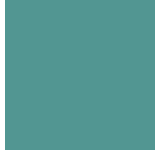
Original Color

61.8166, -35.1328, -1.4237



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

50.6773, -19.7388, -0.9343

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8166, -35.1328, -1.4237 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, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 175)  
}
```

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, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8166, -35.1328, -1.4237 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, 186, 175) }
```


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

```
.border{ border-color:rgb(0, 186, 175) }
```

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

Here you see how a box with a 4 pixel rgb(0, 186, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8166, -35.1328, -1.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 175) }
```

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

```
.background{ background-color: rgb(0, 186,  
175) }
```

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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