

Converting Colors

HunterLab(59.9547, -34.5973,
0.9662)

Have a look what the booklet for
HunterLab(59.9547, -34.5973,
0.9662) contains.

HunterLab(59.9107, -34.6339, 1.0819)	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(59.9107,
-34.6339, 1.0819)**

Conversions

Conversions Part 1

Format	Color
Hex	12B5A5
RGB	18, 181, 165
RGB Percent	7%, 71%, 65%
CMY	0.9293, 0.2902, 0.3529
CMYK	0.90, 0.00, 0.09, 0.29
HSL	174°, 82%, 39%
HSV	174°, 90%, 71%
XYZ	23.5648, 35.8929, 41.2833
YIQ	130.4390, -92.0120, -39.5320

Conversions

Conversions Part 2

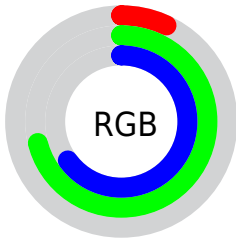
Format	Color
RYB	18, 104, 181
Decimal	1226149
CIELab	66.44, -41.23, -2.62
CIElCh	66, 41.312, 183.636
Yxy	35.8943, 0.2339, 0.3563
Android (android.graphics.Color)	4279416229 (0xFF12B5A5)
YUV	130.4390, 17.0386, -98.6090
Hunter-Lab	59.9107, -34.6339, 1.0819

Details

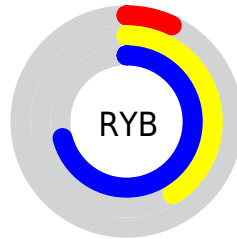
The HunterLab color **59.9107, -34.6339, 1.0819** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **32.2070, 52.0576, 17.9685**, and the grayscale version is **47.3837, -2.5283, 2.5744**.

A 20% lighter version of the original color is **83.1162, -40.5227, 2.2062**, and **40.4611, -24.1758, 1.6157** is the 20% darker color. If you saturate the color by 10%, you get **59.7508, -35.3870, 1.7071**, and if you desaturate by 10%, it is **60.1730, -33.4830, 0.5752**.

Distribution



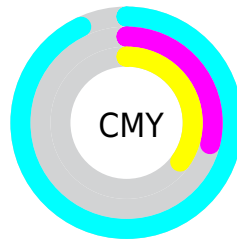
- Red (7%)
- Green (71%)
- Blue (65%)



- Red (7%)
- Yellow (41%)
- Blue (71%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (93%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.9107, -34.6339, 1.0819 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 59.9107, -34.6339, 1.0819 by changing the saturation by 10% instead.

■ 59.9107, -34.6339,
1.0819

■ 59.9107, -34.6339,
1.0819

181.2452,
-58.0645, 6.7449

■ 49.3483, -31.6145,
0.6389

■ 82.9873, -40.3038,
2.0974

■ 39.4910, -28.4243,
0.2425

■ 95.4309, -43.0012,
2.6627

■ 30.3945, -25.0072,
-0.1013

■ 108.4409,
-45.6290, 3.2636

■ 22.1290, -21.2755,
-0.3857

■ 121.9936,
-48.1991, 3.8982

■ 14.7882, -17.1487,
-0.6006

■ 136.0682,
-50.7207, 4.5650

■ 8.4430, -14.7753,
-0.8268

150.6459,

0.0000, NaN, NaN

-53.2015, 5.2625

0.0000, NaN, NaN

165.7100,
-55.6477, 5.9895

0.0000, NaN, NaN

■ 59.9107, -34.6339,
1.0819

■ 59.9107, -34.6339,
1.0819

■ 59.7508, -35.3870,
1.7071

■ 60.1730, -33.4830,
0.5752

■ 60.5699, -31.7997,
0.2371

■ 61.1177, -29.5371,
0.0903

■ 61.8275, -26.6712,
0.1501

■ 62.7066, -23.1974,
0.4257

■ 63.7597, -19.1279,
0.9208

■ 64.9885, -14.4885,
1.6339

■ 66.3927, -9.3158,
2.5593

■ 67.9698, -3.6539,
3.6878

Harmonies

Analogous

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



59.9118, -31.7706, 16.3873



59.9107, -34.6339, 1.0819



59.9118, -29.9513, -18.5882

Triad

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



59.9118, -34.6341, 1.0826



59.9118, 17.7292, -32.1592



59.9118, 13.3698, 26.2920

Complementary

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



59.9107, -34.6339, 1.0819



32.2070, 52.0576, 17.9685

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.



59.9118, 29.2653, 19.0956



59.9107, -34.6339, 1.0819



59.9118, 31.9883, -13.7308

Square

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



59.9118, -34.6341, 1.0826



59.9118, -0.9349, -41.1016



59.9118, 36.4442, 5.3608



59.9118, -5.4318, 28.0990

Rectangle

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



59.9107, -34.6339, 1.0819



59.9118, -22.8040, -30.7480



59.9118, 36.4442, 5.3608



59.9118, 19.3019, 24.5581

Sweetspot

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



59.9118, -34.6341, 1.0826



85.7306, -24.0586, 1.4520



57.8257, -47.7800, 34.2079



39.6156, -12.1035, 0.5450



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.



59.9118, -34.6341, 1.0826



79.9497, -47.4285, 2.4544



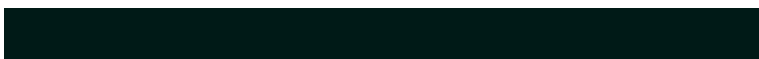
39.8896, -3.5168, -40.4614



31.0111, -4.1578, 1.2289



49.6154, -29.3463, 1.3353



8.8243, -5.0647, -0.0964

Inverse Universe

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



32.2070, 52.0576, 17.9685



42.0192, 72.1067, 26.0082



40.1083, 28.9463, 24.3742



29.1863, 1.0873, 2.1091



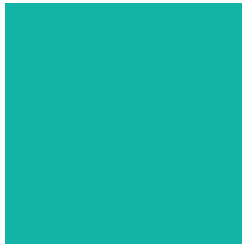
26.0899, 44.8123, 15.8322



4.6752, 8.1237, 2.1113

Previews

White Background



This preview shows how the HunterLab color 59.9107, -34.6339, 1.0819 looks on a white background.

Color Contrast Check

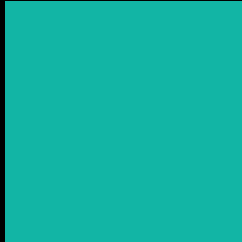
Large Text (above 18pt) WCAG AA × Fail

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 59.9107, -34.6339, 1.0819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

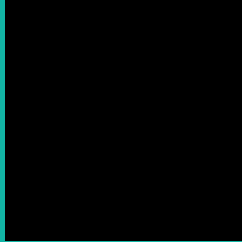
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

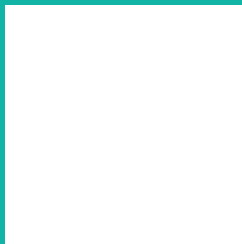
Any Text WCAG AAA ✓ Pass

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

HunterLab 59.9107, -34.6339, 1.0819 Background



This preview shows how black text looks on a background with the HunterLab color 59.9107, -34.6339, 1.0819.



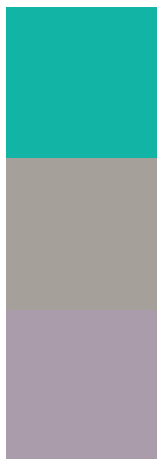
This preview shows how white text looks on a background with the HunterLab color 59.9107, -34.6339, 1.0819.

-34.6339, 1.0819.

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

59.9107, -34.6339, 1.0819

Protanopia

59.5322, -2.7235, 6.6214

Deuteranopia

59.4770, 4.0583, -1.6864



Tritanopia

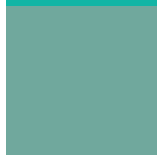
59.8785, -26.0617, -12.9384

Trichromacy



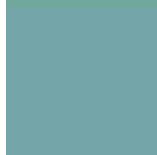
Original Color

59.9107, -34.6339, 1.0819



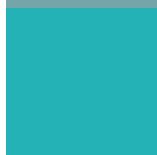
Protanomaly

58.2102, -19.7769, 3.0327



Deuteranomaly

57.8098, -15.6782, -3.1496



Tritanomaly

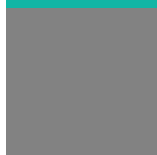
59.6601, -29.3328, -7.7327

Monochromacy



Original Color

59.9107, -34.6339, 1.0819



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

50.5983, -18.6081, 0.4022

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.9107, -34.6339, 1.0819 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, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(18, 181, 165)  
}
```

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, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 181, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 59.9107, -34.6339, 1.0819 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, 181, 165) }
```


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

```
.border{ border-color:rgb(18, 181, 165) }
```

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

Here you see how a box with a 4 pixel rgb(18, 181, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(18, 181,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.9107, -34.6339, 1.0819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 181, 165) }
```

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

```
.background{ background-color: rgb(18, 181,  
165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor