

# Converting Colors

HunterLab(66.5015, -34.7639,  
-2.0784)

Have a look what the booklet for  
HunterLab(66.5015, -34.7639,  
-2.0784) contains.

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# Color

**HunterLab(66.5336,  
-34.8518, -2.0097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33C5BC
RGB	51, 197, 188
RGB Percent	20%, 77%, 74%
CMY	0.8000, 0.2274, 0.2627
CMYK	0.74, 0.00, 0.05, 0.23
HSL	176°, 59%, 49%
HSV	176°, 74%, 77%
XYZ	30.4087, 44.2672, 54.5187
YIQ	152.3200, -84.1270, -33.7510

# Conversions

## Conversions Part 2

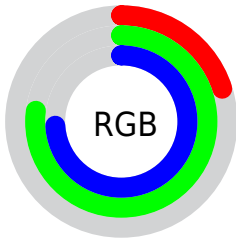
Format	Color
R <sub>YB</sub>	51, 126, 197
Decimal	3392956
CIE Lab	72.41, -39.09, -6.39
CIE LCh	72, 39.611, 189.282
Yxy	44.2689, 0.2354, 0.3426
Android (android.graphics.Color)	4281583036 (0xFF33C5BC)
YUV	152.3200, 17.5902, -88.8576
Hunter-Lab	66.5336, -34.8518, -2.0097

# Details

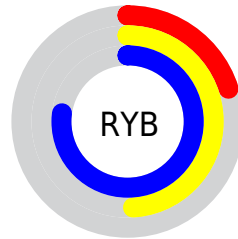
The HunterLab color  $66.5336, -34.8518, -2.0097$  is a dark color, and the websafe version is hex  $33CCCC$ . The color can be described as middle muted spring green. A complement of this color would be  $38.1649, 50.2641, 17.7533$ , and the grayscale version is  $56.1218, -2.9945, 3.0492$ .

A 20% lighter version of the original color is  $90.2664, -39.9974, -1.2955$ , and  $45.9296, -25.7880, -1.7392$  is the 20% darker color. If you saturate the color by 10%, you get  $66.1882, -36.3039, -1.8575$ , and if you desaturate by 10%, it is  $67.0418, -32.7801, -1.9493$ .

# Distribution



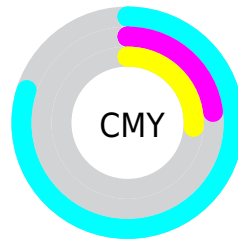
- Red (20%)
- Green (77%)
- Blue (74%)



- Red (20%)
- Yellow (49%)
- Blue (77%)



- Cyan (74%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (80%)
- Magenta (23%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.5336, -34.8518, -2.0097 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 66.5336, -34.8518, -2.0097 by changing the saturation by 10% instead.



66.5336, -34.8518,  
-2.0097

66.5336, -34.8518,  
-2.0097

190.7366,  
-57.0722, 2.5494

55.5715, -32.0464,  
-2.3056

90.3450, -40.1665,  
-1.2698

45.2868, -29.1056,  
-2.5478

103.1297,  
-42.7123, -0.8345

35.7289, -25.9880,  
-2.7296

116.4663,  
-45.2013, -0.3592

26.9579, -22.6311,  
-2.8429

130.3329,  
-47.6431, 0.1540

19.0521, -18.9342,  
-2.8773

144.7099,  
-50.0453, 0.7031

12.1191, -16.0345,  
-2.8186

159.5799,

5.1630, -9.0352,

-52.4143, 1.2863

-4.8483

174.9269,  
-54.7551, 1.9022

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5336, -34.8518,  
-2.0097

■ 66.5336, -34.8518,  
-2.0097

■ 66.1882, -36.3039,  
-1.8575

■ 67.0418, -32.7801,  
-1.9493

■ 65.9820, -37.2029,  
-1.5224

■ 67.7235, -30.0487,  
-1.6604


■ 65.9019, -37.5687,  
-1.2717


■ 68.5902, -26.6416,  
-1.1311


■ 69.6483, -22.5628,  
-0.3572

■ 70.9014, -17.8332,

0.6597

 72.3503, -12.4876,  
1.9126

 73.9932, -6.5707,  
3.3908

 75.8268, -0.1343,  
5.0800

 77.8457, 6.7665,  
6.9641

# Harmonies

## Analogous

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



66.5349, -33.3812, 14.4124



66.5336, -34.8518, -2.0097



66.5349, -28.6674, -21.2590

# Triad

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



66.5349, -34.8520, -2.0088



66.5349, 20.2324, -27.8611



66.5349, 9.3631, 27.9461

# Complementary

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



66.5336, -34.8518, -2.0097



38.1649, 50.2641, 17.7533

# 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.



66.5349, 25.9446, 21.5259



66.5336, -34.8518, -2.0097



66.5349, 32.6760, -9.3472

# Square

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



66.5349, -34.8520, -2.0088



66.5349, 2.2196, -38.6259



66.5349, 34.8724, 8.7994



66.5349, -9.1367, 28.9182



# Rectangle

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



66.5336, -34.8518, -2.0097



66.5349, -20.5972, -32.0761



66.5349, 34.8724, 8.7994



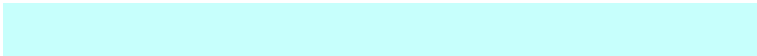
66.5349, 15.3993, 26.4569

# Sweetspot

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



66.5349, -34.8520, -2.0088



95.2091, -22.6583, 1.1568



64.1537, -49.7395, 35.7649



43.8164, -11.3468, 0.3399

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



66.5349, -34.8520, -2.0088



88.3849, -49.4163, -2.2311



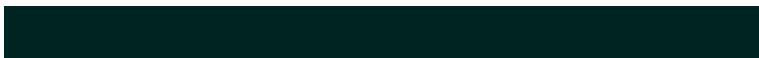
46.5979, -5.1892, -38.5908



34.7215, -4.6374, 1.2268



53.4508, -30.4426, -1.0922



11.6460, -6.5341, -0.4512



# Inverse Universe

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



38.1649, 50.2641, 17.7533



47.1809, 76.6168, 27.6562



49.1999, 21.5546, 26.9184



32.6303, 1.2109, 2.5041



27.9816, 47.9982, 17.4702

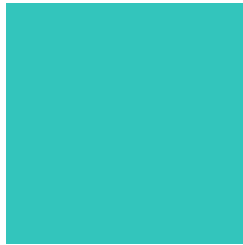


6.1198, 10.5591, 3.3434



# Previews

## White Background



This preview shows how the HunterLab color 66.5336, -34.8518, -2.0097 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

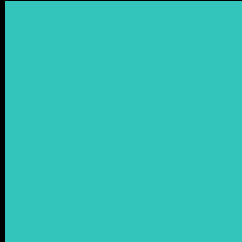
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 66.5336, -34.8518, -2.0097 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

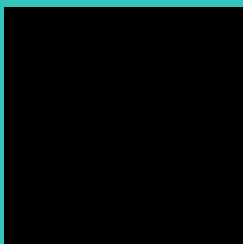
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

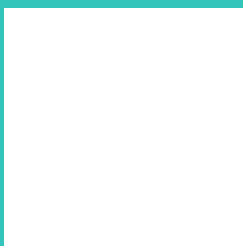
Any Text WCAG AAA ✓ Pass

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

## HunterLab 66.5336, -34.8518, -2.0097 Background



This preview shows how black text looks on a background with the HunterLab color 66.5336, -34.8518, -2.0097.



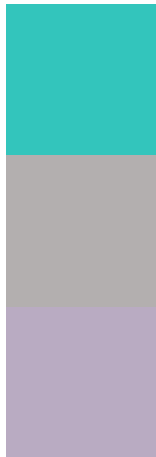
This preview shows how white text looks on a background with the HunterLab color 66.5336,

-34.8518, -2.0097.

# 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

66.5336, -34.8518, -2.0097

### Protanopia

65.8322, -2.2526, 3.9991

### Deuteranopia

65.8294, 4.9422, -5.3185



## Tritanopia

66.6037, -27.8351, -13.7238

# Trichromacy



## Original Color

66.5336, -34.8518, -2.0097



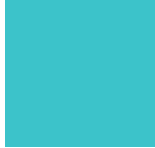
## Protanomaly

64.8597, -18.0414, 0.1784



## Deuteranomaly

64.5620, -13.4816, -6.2502



## Tritanomaly

66.5245, -30.4496, -9.3414

# Monochromacy



## Original Color

66.5336, -34.8518, -2.0097



## Achromatopsia

56.0347, -2.9899, 3.0445



## Achromatomaly

58.6231, -17.7469, -0.1896

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.5336, -34.8518, -2.0097 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(51, 197, 188)` looks like.

```
.text, #text, p{  
    color:rgb(51, 197, 188)  
}
```

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(51, 197, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 197, 188) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.5336, -34.8518, -2.0097 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(51, 197, 188) }
```



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

```
.border{ border-color:rgb(51, 197, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 197, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 197, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 197, 188);  
box-shadow:4px 4px 4px 4px rgb(51, 197,  
188) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.5336, -34.8518, -2.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 197, 188) }
```

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

```
.background{ background-color: rgb(51, 197,  
188) }
```

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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