

Converting Colors

HunterLab(63.8560, -45.7055,
3.9770)

Have a look what the booklet for
HunterLab(63.8560, -45.7055,
3.9770) contains.

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Color

**HunterLab(65.0438,
-40.2580, 5.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	00C4A8
RGB	0, 196, 168
RGB Percent	0%, 77%, 66%
CMY	0.9999, 0.2314, 0.3412
CMYK	1.00, 0.00, 0.14, 0.23
HSL	171°, 100%, 38%
HSV	171°, 100%, 77%
XYZ	26.8078, 42.3070, 43.7989
YIQ	134.2040, -107.8280, -50.2600

Conversions

Conversions Part 2

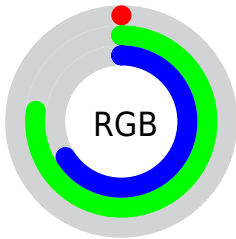
Format	Color
RYB	0, 106, 196
Decimal	50344
CIELab	71.08, -47.45, 2.50
CIELCh	71, 47.518, 176.979
Yxy	42.3086, 0.2374, 0.3747
Android (android.graphics.Color)	4278240424 (0xFF00C4A8)
YUV	134.2040, 16.6614, -117.6969
Hunter-Lab	65.0438, -40.2580, 5.6062

Details

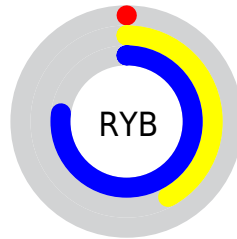
The HunterLab color **65.0438, -40.2580, 5.6062** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.3813, 59.1189, 20.3230**, and the grayscale version is **48.8774, -2.6080, 2.6556**.

A 20% lighter version of the original color is **88.5127, -46.3779, 6.9658**, and **45.0674, -28.6567, 5.5312** is the 20% darker color. If you saturate the color by 10%, you get **65.0448, -40.2595, 5.6083**, and if you desaturate by 10%, it is **65.2371, -39.3213, 4.5844**.

Distribution



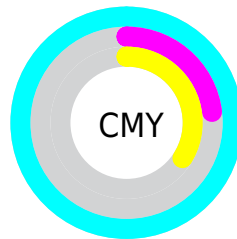
- Red (0%)
- Green (77%)
- Blue (66%)



- Red (0%)
- Yellow (42%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.0438, -40.2580, 5.6062 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 65.0438, -40.2580, 5.6062 by changing the saturation by 10% instead.


 65.0438, -40.2580,
5.6062


 65.0438, -40.2580,
5.6062


188.6162,
-66.1221, 13.2387


 54.1692, -36.9132,
4.8884


 88.6941, -46.5394,
7.1264

 43.9778, -33.3835,
4.1984


 101.4039,
-49.5247, 7.9260


 34.5203, -29.6137,
3.5373


 114.6687,
-52.4297, 8.7511

 25.8590, -25.5204,
2.9054

 128.4663,
-55.2674, 9.6012

 18.0750, -20.9710,
2.3020

 142.7767,
-58.0478, 10.4756

 11.2814, -19.6185,
1.7241

157.5823,

 3.4628, -6.0599,

-60.7794, 11.3737

2.4240

172.8670,
-63.4689, 12.2949

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.0438, -40.2580,
5.6062

■ 65.0438, -40.2580,
5.6062

■ 65.0448, -40.2595,
5.6083

■ 65.2371, -39.3213,
4.5844

■ 65.5420, -37.9321,
3.6815

■ 65.9972, -35.9498,
2.9497

■ 66.6198, -33.3228,
2.4157

■ 67.4218, -30.0257,

2.0992

■ 68.4115, -26.0552,
2.0132

■ 69.5936, -21.4266,
2.1650

■ 70.9701, -16.1709,
2.5561

■ 72.5403, -10.3303,
3.1830

Harmonies

Analogous

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



65.0450, -35.0166, 21.7350



65.0438, -40.2580, 5.6062



65.0450, -36.7683, -17.2671

Triad

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



65.0450, -40.2583, 5.6069



65.0450, 16.6518, -42.9516



65.0450, 20.9766, 28.8829

Complementary

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



65.0438, -40.2580, 5.6062



34.3813, 59.1189, 20.3230

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.



65.0450, 38.2472, 19.1547



65.0438, -40.2580, 5.6062



65.0450, 35.5283, -22.1478

Square

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



65.0450, -40.2583, 5.6069



65.0450, -5.6682, -50.1801



65.0450, 43.8916, 1.4041



65.0450, -1.2505, 32.0963

Rectangle

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



65.0438, -40.2580, 5.6062



65.0450, -29.6696, -32.8714



65.0450, 43.8916, 1.4041



65.0450, 27.6607, 26.4642

Sweetspot

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



65.0450, -40.2583, 5.6069



93.5842, -29.1601, 2.8966



63.0465, -52.9720, 37.9209



42.9689, -14.7659, 1.2845

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.0450, -40.2583, 5.6069



87.5281, -54.2882, 7.7903



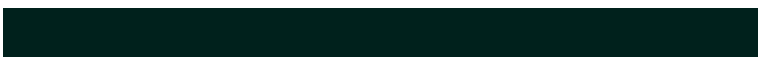
43.8988, -5.2295, -43.5786



33.7682, -4.6235, 1.5014



52.1476, -32.2146, 4.3621



10.8715, -6.5037, 0.4512

Inverse Universe

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



34.3813, 59.1189, 20.3230



46.2494, 79.4847, 27.7056



39.9320, 41.2929, 25.3277



31.7818, 1.2792, 2.1407



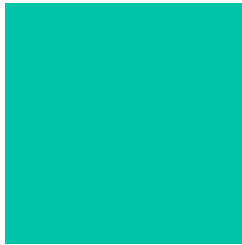
27.5725, 47.4424, 16.0827



5.7982, 10.1086, 2.3590

Previews

White Background



This preview shows how the HunterLab color 65.0438, -40.2580, 5.6062 looks on a white background.

Color Contrast Check

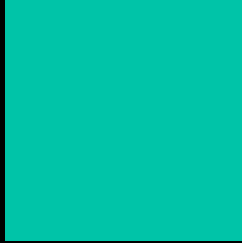
Large Text (above 18pt) WCAG AA × Fail

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 65.0438, -40.2580, 5.6062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

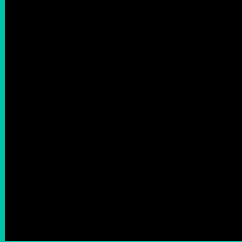
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

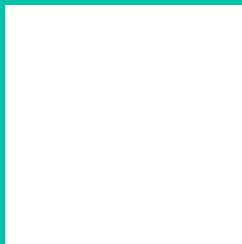
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.0438, -40.2580, 5.6062 Background



This preview shows how black text looks on a background with the HunterLab color 65.0438, -40.2580, 5.6062.



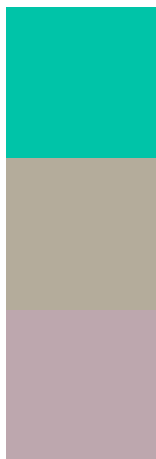
This preview shows how white text looks on a background with the HunterLab color 65.0438, -40.2580, 5.6062.

-40.2580, 5.6062.

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

65.0438, -40.2580, 5.6062

Protanopia

64.4786, -3.5114, 11.1550

Deuteranopia

64.4300, 4.8391, 2.9364



Tritanopia

65.1936, -28.4095, -13.4301

Trichromacy



Original Color

65.0438, -40.2580, 5.6062



Protanomaly

62.6344, -24.2871, 6.6879



Deuteranomaly

62.2996, -19.8812, 0.8964



Tritanomaly

65.0275, -33.5234, -5.9863

Monochromacy



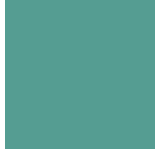
Original Color

65.0438, -40.2580, 5.6062



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

53.0288, -22.1408, 1.8835

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0438, -40.2580, 5.6062 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, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 168)  
}
```

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, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0438, -40.2580, 5.6062 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, 196, 168) }
```


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

```
.border{ border-color:rgb(0, 196, 168) }
```

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

Here you see how a box with a 4 pixel rgb(0, 196, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0438, -40.2580, 5.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 168) }
```

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

```
.background{ background-color: rgb(0, 196,  
168) }
```

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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