

Converting Colors

HunterLab(63.8437, -48.0282,
3.3148)

Have a look what the booklet for
HunterLab(63.8437, -48.0282,
3.3148) contains.

HunterLab(65.7955, -40.6721, 5.5608)	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(65.7955,
-40.6721, 5.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	00C6AA
RGB	0, 198, 170
RGB Percent	0%, 78%, 67%
CMY	0.9999, 0.2235, 0.3333
CMYK	1.00, 0.00, 0.14, 0.22
HSL	172°, 100%, 39%
HSV	172°, 100%, 78%
XYZ	27.4498, 43.2905, 44.9394
YIQ	135.6060, -109.0200, -50.6840

Conversions

Conversions Part 2

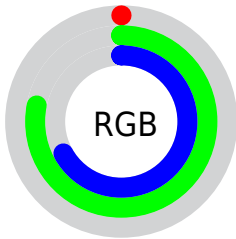
Format	Color
RYB	0, 107, 198
Decimal	50858
CIELab	71.75, -47.74, 2.39
CIELCh	72, 47.800, 177.136
Yxy	43.2921, 0.2373, 0.3742
Android (android.graphics.Color)	4278240938 (0xFF00C6AA)
YUV	135.6060, 16.9562, -118.9265
Hunter-Lab	65.7955, -40.6721, 5.5608

Details

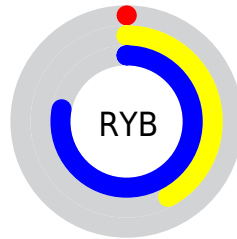
The HunterLab color **65.7955, -40.6721, 5.5608** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.7719, 59.7845, 20.5961**, and the grayscale version is **49.4328, -2.6376, 2.6858**.

A 20% lighter version of the original color is **89.3202, -46.7364, 6.9359**, and **45.7744, -29.0502, 5.4971** is the 20% darker color. If you saturate the color by 10%, you get **65.7965, -40.6738, 5.5632**, and if you desaturate by 10%, it is **65.9894, -39.7324, 4.5354**.

Distribution



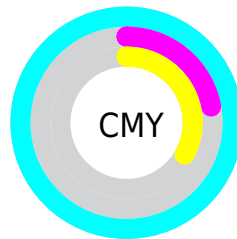
- Red (0%)
- Green (78%)
- Blue (67%)



- Red (0%)
- Yellow (42%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.7955, -40.6721, 5.5608 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 65.7955, -40.6721, 5.5608 by changing the saturation by 10% instead.


 65.7955, -40.6721,
5.5608


 65.7955, -40.6721,
5.5608


189.6871,
-66.6191, 13.1659


 54.8766, -37.3199,
4.8471


 89.5274, -46.9706,
7.0738

 44.6379, -33.7843,
4.1615


 102.2751,
-49.9651, 7.8701


 35.1296, -30.0110,
3.5053


 115.5763,
-52.8796, 8.6921

 26.4126, -25.9186,
2.8790

 129.4088,
-55.7267, 9.5392

 18.5668, -21.3778,
2.2823

 143.7529,
-58.5166, 10.4107

 11.7024, -19.3926,
1.7127

158.5910,

 4.4051, -7.7089,

-61.2577, 11.3061

2.4873

173.9073,
-63.9566, 12.2247

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7955, -40.6721,
5.5608

■ 65.7955, -40.6721,
5.5608

■ 65.7965, -40.6738,
5.5632

■ 65.9894, -39.7324,
4.5354

■ 66.2965, -38.3340,
3.6311

■ 66.7557, -36.3355,
2.9005

■ 67.3843, -33.6845,
2.3707

■ 68.1946, -30.3550,

2.0614

■ 69.1949, -26.3435,
1.9860

■ 70.3900, -21.6655,
2.1516

■ 71.7820, -16.3521,
2.5596

■ 73.3702, -10.4462,
3.2066

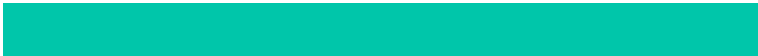
Harmonies

Analogous

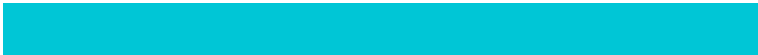
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.7968, -35.4227, 21.8967



65.7955, -40.6721, 5.5608



65.7968, -37.1004, -17.5540

Triad

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



65.7968, -40.6724, 5.5615



65.7968, 16.9227, -43.2638



65.7968, 21.0623, 29.2176

Complementary

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



65.7955, -40.6721, 5.5608



34.7719, 59.7845, 20.5961

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.



65.7968, 38.5433, 19.4250



65.7955, -40.6721, 5.5608



65.7968, 35.9411, -22.2246

Square

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



65.7968, -40.6724, 5.5615



65.7968, -5.6156, -50.6496



65.7968, 44.3138, 1.5379



65.7968, -1.3862, 32.4374

Rectangle

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



65.7955, -40.6721, 5.5608



65.7968, -29.8999, -33.2882



65.7968, 44.3138, 1.5379



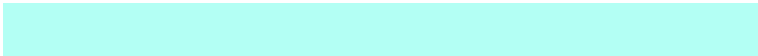
65.7968, 27.8213, 26.7844

Sweetspot

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



65.7968, -40.6724, 5.5615



93.5878, -29.1396, 2.8457



63.7664, -53.5833, 38.3537



42.9707, -14.7551, 1.2576

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.7968, -40.6724, 5.5615



87.5391, -54.2216, 7.6326



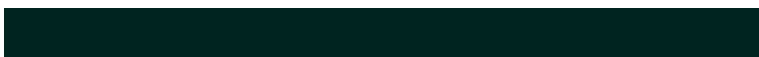
44.3876, -5.2679, -44.1062



34.6998, -4.7582, 1.5362



53.0682, -32.7452, 4.3569



11.5791, -6.9355, 0.4989

Inverse Universe

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



34.7719, 59.7845, 20.5961



46.2469, 79.4756, 27.7418



40.3760, 41.8006, 25.6099



32.6511, 1.3231, 2.2064



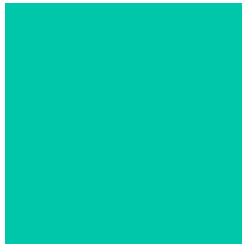
28.0533, 48.2638, 16.4088



6.1706, 10.7466, 2.5972

Previews

White Background



This preview shows how the HunterLab color 65.7955, -40.6721, 5.5608 looks on a white background.

Color Contrast Check

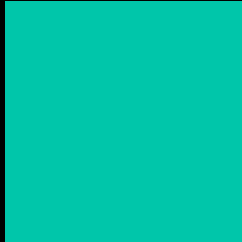
Large Text (above 18pt) WCAG AA × Fail

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 65.7955, -40.6721, 5.5608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

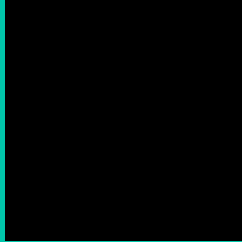
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

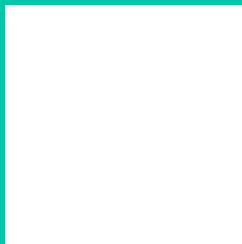
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.7955, -40.6721, 5.5608 Background



This preview shows how black text looks on a background with the HunterLab color 65.7955, -40.6721, 5.5608.



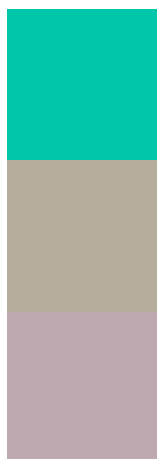
This preview shows how white text looks on a background with the HunterLab color 65.7955, -40.6721, 5.5608.

-40.6721, 5.5608.

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

65.7955, -40.6721, 5.5608

Protanopia

65.3081, -3.5585, 11.2214

Deuteranopia

65.1596, 4.4775, 2.8551



Tritanopia

65.9592, -28.7467, -13.5002

Trichromacy



Original Color

65.7955, -40.6721, 5.5608



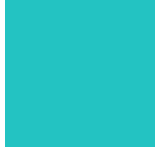
Protanomaly

63.3945, -24.6179, 6.6631



Deuteranomaly

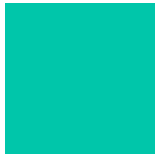
63.0583, -20.2039, 0.8511



Tritanomaly

65.7895, -33.8826, -6.0507

Monochromacy



Original Color

65.7955, -40.6721, 5.5608



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

53.8151, -22.2859, 1.9031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7955, -40.6721, 5.5608 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, 198, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 170)  
}
```

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, 198, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7955, -40.6721, 5.5608 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, 198, 170) }
```


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

```
.border{ border-color:rgb(0, 198, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 198, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7955, -40.6721, 5.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 170) }
```

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

```
.background{ background-color: rgb(0, 198,  
170) }
```

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