

Converting Colors

HunterLab(68.3100, -40.4052,
1.8417)

Have a look what the booklet for
HunterLab(68.3100, -40.4052,
1.8417) contains.

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Color

**HunterLab(68.2982,
-40.4764, 2.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	00CCB8
RGB	0, 204, 184
RGB Percent	0%, 80%, 72%
CMY	0.9999, 0.2000, 0.2784
CMYK	1.00, 0.00, 0.10, 0.20
HSL	174°, 100%, 40%
HSV	174°, 100%, 80%
XYZ	30.2446, 46.6464, 52.7570
YIQ	140.7240, -115.1640, -49.4680

Conversions

Conversions Part 2

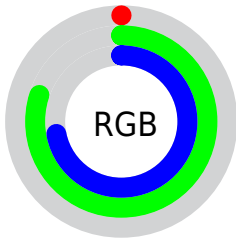
Format	Color
RYB	0, 107, 204
Decimal	52408
CIELab	73.96, -46.42, -1.98
CIELCh	74, 46.458, 182.438
Yxy	46.6482, 0.2333, 0.3598
Android (android.graphics.Color)	4278242488 (0xFF00CCB8)
YUV	140.7240, 21.3351, -123.4149
Hunter-Lab	68.2982, -40.4764, 2.0101

Details

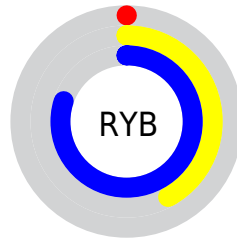
The HunterLab color **68.2982, -40.4764, 2.0101** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **35.9016, 61.6180, 22.1052**, and the grayscale version is **51.4550, -2.7455, 2.7956**.

A 20% lighter version of the original color is **89.8634, -43.6476, 0.2184**, and **48.0974, -29.0804, 2.6587** is the 20% darker color. If you saturate the color by 10%, you get **68.2992, -40.4780, 2.0122**, and if you desaturate by 10%, it is **68.4732, -39.6563, 1.2734**.

Distribution



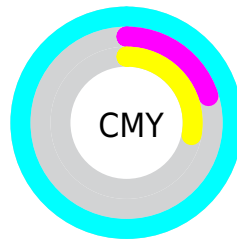
- Red (0%)
- Green (80%)
- Blue (72%)



- Red (0%)
- Yellow (42%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.2982, -40.4764, 2.0101 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 68.2982, -40.4764, 2.0101 by changing the saturation by 10% instead.


 68.2982, -40.4764,
2.0101


 68.2982, -40.4764,
2.0101


193.2378,
-65.7220, 8.1197


 57.2343, -37.2410,
1.5037


 92.2975, -46.5757,
3.1413


 46.8411, -33.8387,
1.0390


 105.1697,
-49.4833, 3.7600

 37.1664, -30.2212,
0.6207


 118.5901,
-52.3174, 4.4117

 28.2684, -26.3164,
0.2538

 132.5374,
-55.0895, 5.0951

 20.2218, -22.0119,
-0.0550

 146.9922,
-57.8090, 5.8087

 13.1285, -18.4032,
-0.2956

161.9374,

 6.6246, -11.5931,

-60.4836, 6.5513

-0.8759

177.3573,
-63.1195, 7.3220

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2982, -40.4764,
2.0101

■ 68.2982, -40.4764,
2.0101

■ 68.2992, -40.4780,
2.0122

■ 68.4732, -39.6563,
1.2734

■ 68.7650, -38.3662,
0.6783

■ 69.2132, -36.4619,
0.2782

■ 69.8361, -33.8868,
0.0993

■ 70.6466, -30.6114,

0.1599

■ 71.6537, -26.6296,
0.4709

■ 72.8628, -21.9551,
1.0369

■ 74.2761, -16.6177,
1.8563

■ 75.8931, -10.6603,
2.9224

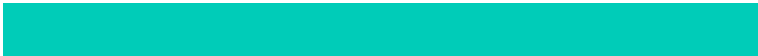
Harmonies

Analogous

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



68.2995, -36.7870, 19.6265



68.2982, -40.4764, 2.0101



68.2995, -35.3637, -21.1303

Triad

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



68.2995, -40.4766, 2.0109



68.2995, 20.1580, -38.8843



68.2995, 16.7112, 30.3398

Complementary

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



68.2982, -40.4764, 2.0101



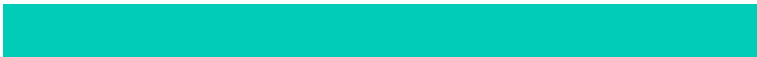
35.9016, 61.6180, 22.1052

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.



68.2995, 35.1762, 21.7375



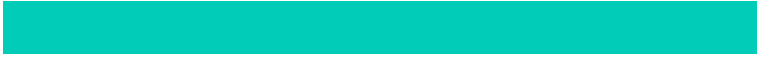
68.2982, -40.4764, 2.0101



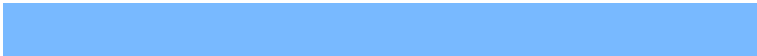
68.2995, 37.3341, -17.2724

Square

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



68.2995, -40.4766, 2.0109



68.2995, -1.8673, -48.8920



68.2995, 43.1422, 5.3816



68.2995, -5.4105, 32.6373

Rectangle

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



68.2982, -40.4764, 2.0101



68.2995, -27.2284, -35.7346



68.2995, 43.1422, 5.3816



68.2995, 23.6413, 28.2570

Sweetspot

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



68.2995, -40.4766, 2.0109



93.6966, -28.5163, 1.2982



65.8336, -55.8534, 39.5876



43.0281, -14.4242, 0.4407

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2995, -40.4766, 2.0109



87.8822, -52.1520, 2.7361



42.8737, -0.4599, -52.5927



35.6474, -4.8280, 1.4037



54.1917, -32.0699, 1.4948



12.3315, -7.1467, 0.0144

Inverse Universe

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



35.9016, 61.6180, 22.1052



46.1846, 79.2446, 28.6650



43.3771, 38.8669, 27.4078



33.5130, 1.3063, 2.4341



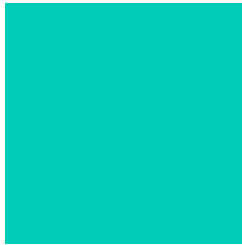
28.4924, 48.9281, 17.3725



6.5196, 11.2912, 3.2355

Previews

White Background



This preview shows how the HunterLab color 68.2982, -40.4764, 2.0101 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 68.2982, -40.4764, 2.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

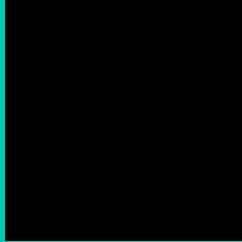
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

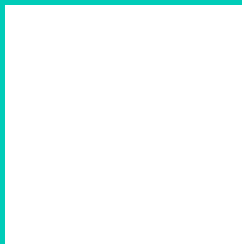
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.2982, -40.4764, 2.0101 Background



This preview shows how black text looks on a background with the HunterLab color 68.2982, -40.4764, 2.0101.



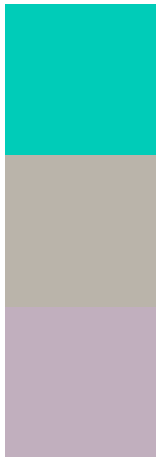
This preview shows how white text looks on a background with the HunterLab color 68.2982, -40.4764, 2.0101.

-40.4764, 2.0101.

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

68.2982, -40.4764, 2.0101

Protanopia

67.8114, -3.3051, 8.4760

Deuteranopia

67.6129, 4.7463, -0.9726



Tritanopia

68.2164, -29.7988, -14.9518

Trichromacy



Original Color

68.2982, -40.4764, 2.0101



Protanomaly

65.8346, -24.6336, 3.6100



Deuteranomaly

65.5436, -19.9157, -2.9986



Tritanomaly

68.1588, -34.3923, -8.2964

Monochromacy



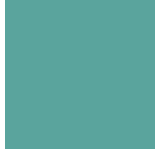
Original Color

68.2982, -40.4764, 2.0101



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

55.8202, -22.2892, 0.1248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2982, -40.4764, 2.0101 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, 204, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 184)  
}
```

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, 204, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2982, -40.4764, 2.0101 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, 204, 184) }
```


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

```
.border{ border-color:rgb(0, 204, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2982, -40.4764, 2.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 184) }
```

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

```
.background{ background-color: rgb(0, 204,  
184) }
```

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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