

Converting Colors

HunterLab(71.7384, -40.3704,
5.8481)

Have a look what the booklet for
HunterLab(71.7384, -40.3704,
5.8481) contains.

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Color

**HunterLab(71.8593,
-40.5282, 6.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	40D4B8
RGB	64, 212, 184
RGB Percent	25%, 83%, 72%
CMY	0.7490, 0.1686, 0.2784
CMYK	0.70, 0.00, 0.13, 0.17
HSL	169°, 63%, 54%
HSV	169°, 70%, 83%
XYZ	34.3095, 51.6376, 53.5060
YIQ	164.5560, -79.2200, -40.0840

Conversions

Conversions Part 2

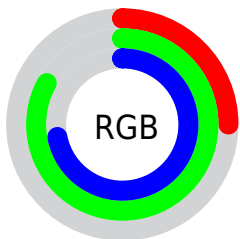
Format	Color
RYB	64, 146, 212
Decimal	4248760
CIELab	77.06, -45.13, 2.63
CIElCh	77, 45.203, 176.665
Yxy	51.6396, 0.2460, 0.3703
Android (android.graphics.Color)	4282438840 (0xFF40D4B8)
YUV	164.5560, 9.5859, -88.1876
Hunter-Lab	71.8593, -40.5282, 6.1545

Details

The HunterLab color **71.8593, -40.5282, 6.1545** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **42.9395, 53.3837, 13.4102**, and the grayscale version is **61.1446, -3.2625, 3.3221**.

A 20% lighter version of the original color is **90.8609, -39.7706, 1.4980**, and **50.4139, -31.6257, 5.2578** is the 20% darker color. If you saturate the color by 10%, you get **71.3393, -42.8498, 7.3263**, and if you desaturate by 10%, it is **72.5679, -37.4881, 5.1822**.

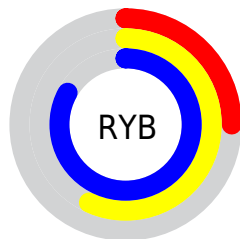
Distribution



Red (25%)

Green (83%)

Blue (72%)



Red (25%)

Yellow (57%)

Blue (83%)

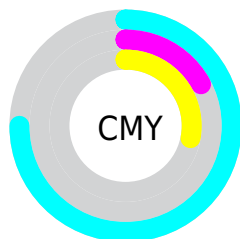


Cyan (70%)

Magenta (0%)

Yellow (13%)

Black (17%)



Cyan (75%)


Magenta (17%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.8593, -40.5282, 6.1545 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 71.8593, -40.5282, 6.1545 by changing the saturation by 10% instead.


 71.8593, -40.5282,
6.1545

 71.8593, -40.5282,
6.1545


198.2533,
-65.0592, 13.9639


 60.5953, -37.4151,
5.4139


 96.2286, -46.4217,
7.7183


 49.9891, -34.1529,
4.7002


 109.2733,
-49.2403, 8.5386

 40.0861, -30.7000,
4.0146


 122.8593,
-51.9923, 9.3838

 30.9402, -26.9954,
3.3575

 136.9659,
-54.6882, 10.2534

 22.6202, -22.9445,
2.7286

151.5745,
-57.3366, 11.1468

 15.2182, -18.4917,
2.1262

166.6685,

 8.8438, -15.4766,

-59.9441, 12.0633

1.7140

182.2327,
-62.5168, 13.0025

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.8593, -40.5282,
6.1545

■ 71.8593, -40.5282,
6.1545

■ 71.3393, -42.8498,
7.3263

■ 72.5679, -37.4881,
5.1822

■ 70.9849, -44.5076,
8.6632

■ 73.4742, -33.7018,
4.4314

■ 70.7591, -45.6450,
10.1125


■ 74.5886, -29.1683,
3.9209


■ 70.7552, -45.6652,
10.1402


■ 75.9160, -23.9076,
3.6620


■ 77.4584, -17.9561,

3.6601

 79.2146, -11.3633,
3.9147

 81.1813, -4.1870,
4.4206

 83.3532, 3.5101,
5.1685

 85.7236, 11.6645,
6.1462

Harmonies

Analogous

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



71.8607, -35.1323, 22.2938



71.8593, -40.5282, 6.1545



71.8607, -37.0856, -16.0016

Triad

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



71.8607, -40.5286, 6.1553



71.8607, 15.6092, -40.6867



71.8607, 20.2427, 29.5631

Complementary

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



71.8593, -40.5282, 6.1545



42.9395, 53.3837, 13.4102

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.



71.8607, 36.8274, 19.3759



71.8593, -40.5282, 6.1545



71.8607, 33.9397, -21.1418

Square

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



71.8607, -40.5286, 6.1553



71.8607, -6.2202, -47.2689



71.8607, 42.1097, 1.5930



71.8607, -1.4246, 33.0763

Rectangle

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



71.8593, -40.5282, 6.1545



71.8607, -29.9919, -30.8483



71.8607, 42.1097, 1.5930



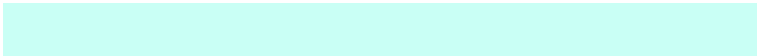
71.8607, 26.6902, 26.9847

Sweetspot

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



71.8607, -40.5286, 6.1553



95.1759, -23.2155, 4.4918



70.5817, -50.0618, 38.5403



43.7798, -11.7109, 2.0694

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.8607, -40.5286, 6.1553



87.6735, -53.9425, 9.8432



58.0545, -15.7235, -28.1175



37.5043, -5.2505, 1.8587



55.6052, -35.8027, 7.7861



13.6950, -8.5572, 1.3550

Inverse Universe

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



42.9395, 53.3837, 13.4102



48.4057, 75.7869, 21.5400



50.1784, 31.2986, 25.7352



35.2971, 1.5362, 2.1933



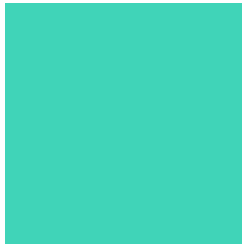
29.5756, 51.0077, 16.3311



7.3428, 12.8195, 2.8472

Previews

White Background



This preview shows how the HunterLab color 71.8593, -40.5282, 6.1545 looks on a white background.

Color Contrast Check

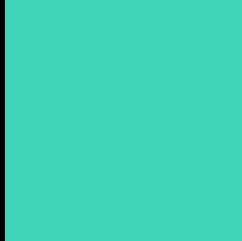
Large Text (above 18pt) WCAG AA × Fail

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 71.8593, -40.5282, 6.1545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

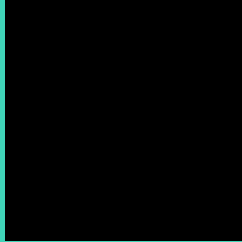
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

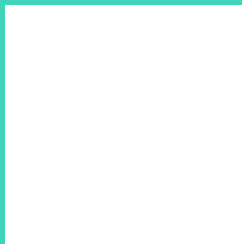
Any Text WCAG AAA ✓ Pass

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

HunterLab 71.8593, -40.5282, 6.1545 Background



This preview shows how black text looks on a background with the HunterLab color 71.8593, -40.5282, 6.1545.



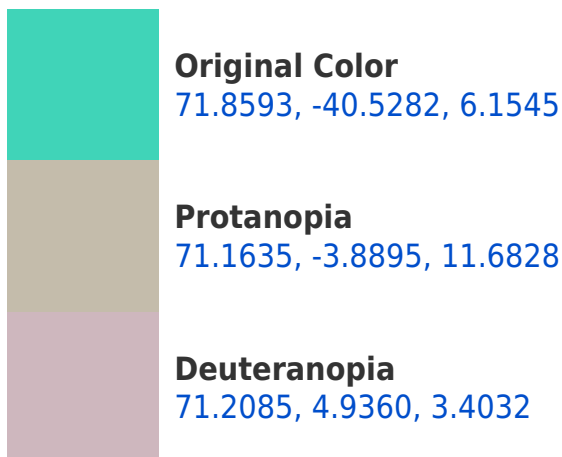
This preview shows how white text looks on a background with the HunterLab color 71.8593, -40.5282, 6.1545.

-40.5282, 6.1545.

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

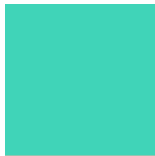




Tritanopia

71.6305, -28.2722, -14.1414

Trichromacy



Original Color

71.8593, -40.5282, 6.1545



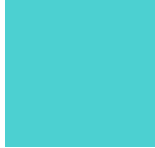
Protanomaly

70.2588, -21.2893, 8.2587



Deuteranomaly

70.0603, -16.3739, 2.6212



Tritanomaly

71.5903, -32.9167, -6.4201

Monochromacy



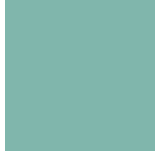
Original Color

71.8593, -40.5282, 6.1545



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

64.0497, -19.9063, 2.9893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.8593, -40.5282, 6.1545 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(64, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(64, 212, 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(64, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 212, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 71.8593, -40.5282, 6.1545 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(64, 212, 184) }
```


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

```
.border{ border-color:rgb(64, 212, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 212, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 212, 184);  
box-shadow:4px 4px 4px 4px rgb(64, 212,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.8593, -40.5282, 6.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 212, 184) }
```

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

```
.background{ background-color: rgb(64, 212,  
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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