

Converting Colors

HunterLab(71.6565, -40.6018,
7.2432)

Have a look what the booklet for
HunterLab(71.6565, -40.6018,
7.2432) contains.

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Color

**HunterLab(71.4724,
-40.4586, 7.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	42D3B5
RGB	66, 211, 181
RGB Percent	26%, 83%, 71%
CMY	0.7412, 0.1725, 0.2902
CMYK	0.69, 0.00, 0.14, 0.17
HSL	168°, 62%, 54%
HSV	168°, 69%, 83%
XYZ	33.8816, 51.0830, 51.7904
YIQ	164.2250, -76.7900, -40.0700

Conversions

Conversions Part 2

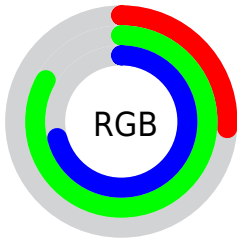
Format	Color
RYB	66, 147, 211
Decimal	4379573
CIELab	76.73, -45.17, 3.76
CIELCh	77, 45.328, 175.244
Yxy	51.0850, 0.2478, 0.3735
Android (android.graphics.Color)	4282569653 (0xFF42D3B5)
YUV	164.2250, 8.2701, -86.1433
Hunter-Lab	71.4724, -40.4586, 7.0679

Details

The HunterLab color **71.4724, -40.4586, 7.0679** 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 **43.1176, 52.5700, 12.2695**, and the grayscale version is **61.0131, -3.2555, 3.3150**.

A 20% lighter version of the original color is **90.8073, -40.1725, 2.9393**, and **50.3343, -32.1078, 6.3980** is the 20% darker color. If you saturate the color by 10%, you get **70.9266, -42.9012, 8.3418**, and if you desaturate by 10%, it is **72.2080, -37.2935, 5.9864**.

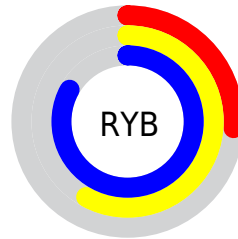
Distribution



Red (26%)

Green (83%)

Blue (71%)



Red (26%)

Yellow (58%)

Blue (83%)

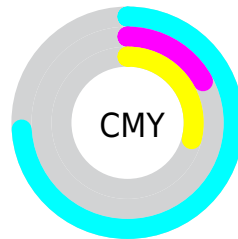


Cyan (69%)

Magenta (0%)

Yellow (14%)

Black (17%)



Cyan (74%)


Magenta (17%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.4724, -40.4586, 7.0679 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 71.4724, -40.4586, 7.0679 by changing the saturation by 10% instead.


 71.4724, -40.4586,
7.0679

 71.4724, -40.4586,
7.0679


197.7104,
-65.0261, 15.2756


 60.2298, -37.3384,
6.2718


 95.8021, -46.3636,
8.7337


 49.6464, -34.0676,
5.4988


 108.8283,
-49.1869, 9.6014

 39.7677, -30.6042,
4.7492


 122.3965,
-51.9431, 10.4920

 30.6482, -26.8861,
4.0221

 136.4860,
-54.6429, 11.4051

 22.3573, -22.8175,
3.3152

151.0781,
-57.2946, 12.3405

 14.9879, -18.3959,
2.6232

166.1561,

 8.6320, -15.1059,

-59.9054, 13.2976

2.2747

181.7048,
-62.4809, 14.2761

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4724, -40.4586,
7.0679

■ 71.4724, -40.4586,
7.0679

■ 70.9266, -42.9012,
8.3418

■ 72.2080, -37.2935,
5.9864

■ 70.5486, -44.6716,
9.7742

■ 73.1420, -33.3822,
5.1197

■ 70.3074, -45.8875,
11.3187


■ 74.2839, -28.7274,
4.4868


■ 70.2802, -46.0281,
11.5174


■ 75.6385, -23.3518,
4.0997


■ 77.2070, -17.2943,

3.9643

 78.9880, -10.6060,
4.0811

 80.9778, -3.3460,
4.4455

 83.1710, 4.4228,
5.0492

 85.4595, 12.3053,
5.7570

Harmonies

Analogous

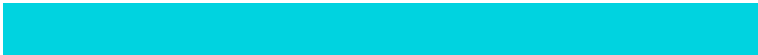
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4738, -34.6520, 22.8422



71.4724, -40.4586, 7.0679



71.4738, -37.4360, -14.9513

Triad

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



71.4738, -40.4591, 7.0687



71.4738, 14.6411, -41.4872



71.4738, 21.2547, 29.2062

Complementary

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



71.4724, -40.4586, 7.0679



43.1176, 52.5700, 12.2695

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.



71.4738, 37.4562, 18.6851



71.4724, -40.4586, 7.0679



71.4738, 33.3330, -22.2933

Square

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



71.4738, -40.4591, 7.0687



71.4738, -7.2062, -47.3096



71.4738, 42.1168, 0.5593



71.4738, -0.3644, 32.9909

Rectangle

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



71.4724, -40.4586, 7.0679



71.4738, -30.6072, -29.9645



71.4738, 42.1168, 0.5593



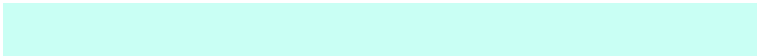
71.4738, 27.6109, 26.5245

Sweetspot

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



71.4738, -40.4591, 7.0687



95.1455, -23.3875, 4.9244



70.3906, -49.0008, 38.1743



43.7640, -11.8011, 2.2955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.4738, -40.4591, 7.0687



87.6576, -54.1655, 11.0546



58.8061, -16.8104, -26.1957



36.5560, -5.1378, 1.8844



54.6103, -35.6715, 8.7464



12.9550, -8.1812, 1.4683

Inverse Universe

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



43.1176, 52.5700, 12.2695



48.9185, 75.0299, 19.9577



49.7762, 31.6453, 25.0854



34.4205, 1.5142, 2.0667



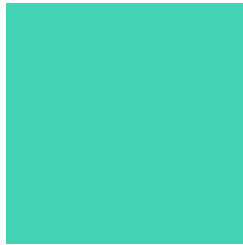
29.1172, 50.2772, 15.6121



6.9700, 12.2018, 2.4464

Previews

White Background



This preview shows how the HunterLab color 71.4724, -40.4586, 7.0679 looks on a white background.

Color Contrast Check

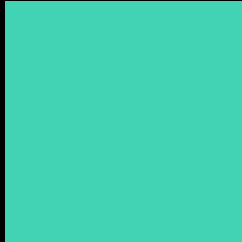
Large Text (above 18pt) WCAG AA × Fail

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 71.4724, -40.4586, 7.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

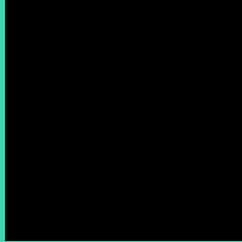
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

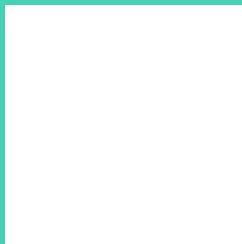
Any Text WCAG AAA ✓ Pass

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

HunterLab 71.4724, -40.4586, 7.0679 Background



This preview shows how black text looks on a background with the HunterLab color 71.4724, -40.4586, 7.0679.



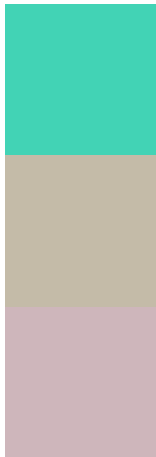
This preview shows how white text looks on a background with the HunterLab color 71.4724,

-40.4586, 7.0679.

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

71.4724, -40.4586, 7.0679

Protanopia

70.7839, -3.8280, 12.5194

Deuteranopia

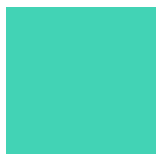
70.8277, 4.9629, 4.3753



Tritanopia

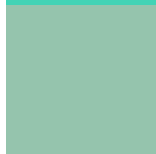
71.3217, -27.8005, -13.9877

Trichromacy



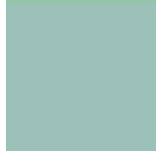
Original Color

71.4724, -40.4586, 7.0679



Protanomaly

69.9189, -21.0640, 9.1898



Deuteranomaly

69.7218, -16.1640, 3.6477



Tritanomaly

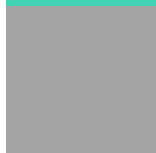
71.2393, -32.6686, -5.8045

Monochromacy



Original Color

71.4724, -40.4586, 7.0679



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

63.6704, -19.8002, 3.4730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.4724, -40.4586, 7.0679 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(66, 211, 181)` looks like.

```
.text, #text, p{  
    color:rgb(66, 211, 181)  
}
```

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(66, 211, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 211, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 71.4724, -40.4586, 7.0679 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(66, 211, 181) }
```


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

```
.border{ border-color:rgb(66, 211, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 211, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 211, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 211, 181);  
box-shadow:4px 4px 4px 4px rgb(66, 211,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.4724, -40.4586, 7.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 211, 181) }
```

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

```
.background{ background-color: rgb(66, 211,  
181) }
```

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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