

Converting Colors

HunterLab(74.4783, -42.5807,
8.6081)

Have a look what the booklet for
HunterLab(74.4783, -42.5807,
8.6081) contains.

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Color

**HunterLab(74.4768,
-42.5802, 8.6073)**

Conversions

Conversions Part 1

Format	Color
Hex	46DBB9
RGB	70, 219, 185
RGB Percent	27%, 86%, 73%
CMY	0.7255, 0.1412, 0.2745
CMYK	0.68, 0.00, 0.16, 0.14
HSL	166°, 67%, 57%
HSV	166°, 68%, 86%
XYZ	36.6143, 55.4679, 54.6755
YIQ	170.5730, -77.8900, -42.1620

Conversions

Conversions Part 2

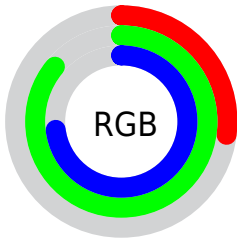
Format	Color
RYB	70, 154, 219
Decimal	4643769
CIELab	79.31, -47.01, 5.36
CIElCh	79, 47.315, 173.494
Yxy	55.4701, 0.2495, 0.3780
Android (android.graphics.Color)	4282833849 (0xFF46DBB9)
YUV	170.5730, 7.1125, -88.2025
Hunter-Lab	74.4768, -42.5802, 8.6073

Details

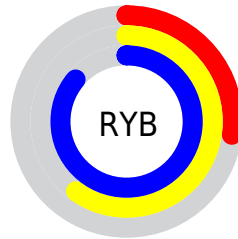
The HunterLab color **74.4768, -42.5802, 8.6073** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **45.2122, 54.7341, 11.6401**, and the grayscale version is **63.6351, -3.3954, 3.4574**.

A 20% lighter version of the original color is **91.1620, -38.5444, 1.3747**, and **52.7829, -33.9936, 7.4085** is the 20% darker color. If you saturate the color by 10%, you get **73.8859, -45.2396, 10.0846**, and if you desaturate by 10%, it is **75.2683, -39.1568, 7.3210**.

Distribution



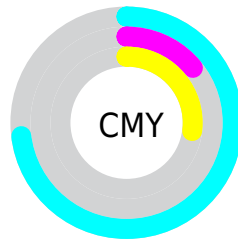
- Red (27%)
- Green (86%)
- Blue (73%)



- Red (27%)
- Yellow (60%)
- Blue (86%)



- Cyan (68%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)





- Cyan (73%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.4768, -42.5802, 8.6073 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 74.4768, -42.5802, 8.6073 by changing the saturation by 10% instead.


 74.4768, -42.5802,
8.6073


 74.4768, -42.5802,
8.6073


201.9137,
-67.7782, 17.4431


 63.0700, -39.3842,
7.7250


 99.1107, -48.6348,
10.4327


 52.3122, -36.0380,
6.8603


 112.2789,
-51.5310, 11.3748

 42.2469, -32.5013,
6.0126


 125.9836,
-54.3588, 12.3369

 32.9256, -28.7153,
5.1794

 140.2045,
-57.1287, 13.3189

 24.4131, -24.5909,
4.3560

154.9236,
-59.8491, 14.3207

 16.7951, -19.9844,
3.5338

170.1245,

 10.1926, -17.8370,

-62.5271, 15.3421

2.7863

185.7923,
-65.1685, 16.3830

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4768, -42.5802,
8.6073

■ 74.4768, -42.5802,
8.6073

■ 73.8859, -45.2396,
10.0846

■ 75.2683, -39.1568,
7.3210

■ 73.4729, -47.1850,
11.7166

■ 76.2689, -34.9469,
6.2500

■ 73.2088, -48.5246,
13.4583


■ 77.4885, -29.9559,
5.4156


■ 73.1645, -48.7564,
13.8018


■ 78.9315, -24.2101,
4.8317


■ 80.5990, -17.7526,

4.5059

 82.4893, -10.6389,
4.4398

 84.5982, -2.9321,
4.6303

 86.9198, 5.3006,
5.0697

 88.1119, 9.5985,
4.0964

Harmonies

Analogous

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



74.4783, -35.9217, 24.7707



74.4768, -42.5802, 8.6073



74.4783, -39.9369, -14.4752

Triad

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



74.4783, -42.5807, 8.6081



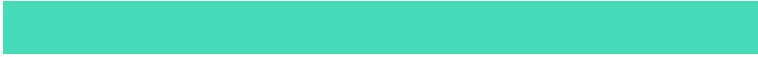
74.4783, 14.2376, -44.9766



74.4783, 23.8149, 30.3065

Complementary

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



74.4768, -42.5802, 8.6073



45.2122, 54.7341, 11.6401

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.



74.4783, 40.4390, 18.7826



74.4768, -42.5802, 8.6073



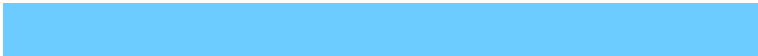
74.4783, 34.4629, -25.1268

Square

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



74.4783, -42.5807, 8.6081



74.4783, -8.8607, -50.1391



74.4783, 44.5519, -0.8071



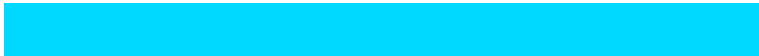
74.4783, 1.0339, 34.6388

Rectangle

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



74.4768, -42.5802, 8.6073



74.4783, -33.0773, -30.5694



74.4783, 44.5519, -0.8071



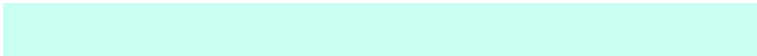
74.4783, 30.4137, 27.3482

Sweetspot

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



74.4783, -42.5807, 8.6081



95.3154, -22.8000, 5.4103



73.5505, -50.4767, 39.7660



43.8324, -11.5703, 2.5480

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.4783, -42.5807, 8.6081



87.5313, -54.9293, 12.8667



62.2623, -18.6877, -25.7823



38.4397, -5.4574, 2.0730



56.3536, -37.4494, 10.4054



14.3878, -9.2634, 2.0136

Inverse Universe

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



45.2122, 54.7341, 11.6401



48.9974, 75.3368, 18.8053



51.5738, 33.8873, 25.7102



36.1939, 1.6475, 2.0840



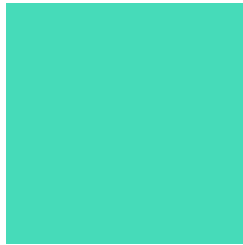
30.1334, 52.1031, 15.6052



7.7555, 13.5777, 2.7164

Previews

White Background



This preview shows how the HunterLab color 74.4768, -42.5802, 8.6073 looks on a white background.

Color Contrast Check

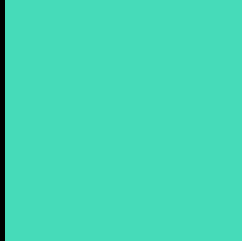
Large Text (above 18pt) WCAG AA × Fail

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 74.4768, -42.5802, 8.6073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

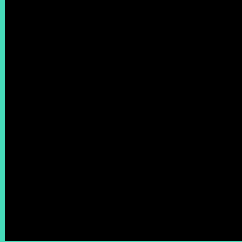
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

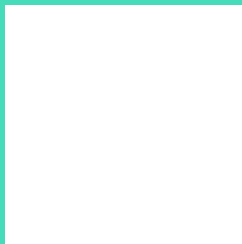
Any Text WCAG AAA ✓ Pass

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

HunterLab 74.4768, -42.5802, 8.6073 Background



This preview shows how black text looks on a background with the HunterLab color 74.4768, -42.5802, 8.6073.



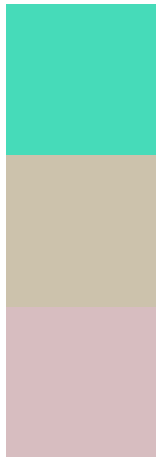
This preview shows how white text looks on a background with the HunterLab color 74.4768, -42.5802, 8.6073.

-42.5802, 8.6073.

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

74.4768, -42.5802, 8.6073

Protanopia

73.7560, -4.0969, 14.0017

Deuteranopia

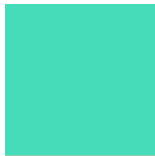
73.9243, 5.2152, 5.6462



Tritanopia

74.5156, -28.8547, -14.1553

Trichromacy



Original Color

74.4768, -42.5802, 8.6073



Protanomaly

72.7013, -22.1196, 10.4890



Deuteranomaly

72.5700, -16.9511, 5.0866



Tritanomaly

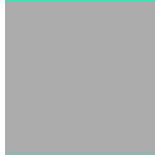
74.3606, -34.0996, -5.5012

Monochromacy



Original Color

74.4768, -42.5802, 8.6073



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

66.4600, -20.5522, 3.9496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.4768, -42.5802, 8.6073 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(70, 219, 185)` looks like.

```
.text, #text, p{  
  color:rgb(70, 219, 185)  
}
```

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(70, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 219, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 74.4768, -42.5802, 8.6073 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(70, 219, 185) }
```


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

```
.border{ border-color:rgb(70, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(70, 219, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(70, 219, 185); box-shadow:4px 4px 4px 4px rgb(70, 219, 185) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.4768, -42.5802, 8.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 219, 185) }
```

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

```
.background{ background-color: rgb(70, 219,  
185) }
```

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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