

Converting Colors

HunterLab(75.5419, -46.1279,
14.2550)

Have a look what the booklet for
HunterLab(75.5419, -46.1279,
14.2550) contains.

HunterLab(75.5383, -46.1500, 14.3075)	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(75.5383,
-46.1500, 14.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	44DFAE
RGB	68, 223, 174
RGB Percent	27%, 87%, 68%
CMY	0.7333, 0.1255, 0.3176
CMYK	0.70, 0.00, 0.22, 0.13
HSL	161°, 71%, 57%
HSV	161°, 70%, 87%
XYZ	36.4116, 57.0603, 49.1391
YIQ	171.0690, -76.6510, -48.0990

Conversions

Conversions Part 2

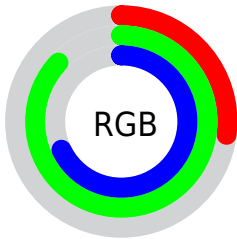
Format	Color
RYB	68, 160, 223
Decimal	4513710
CIELab	80.21, -51.58, 12.48
CIElCh	80, 53.064, 166.401
Yxy	57.0626, 0.2553, 0.4001
Android (android.graphics.Color)	4282703790 (0xFF44DFAE)
YUV	171.0690, 1.4450, -90.3915
Hunter-Lab	75.5383, -46.1500, 14.3075

Details

The HunterLab color **75.5383, -46.1500, 14.3075** 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 **45.9434, 58.3452, 7.6101**, and the grayscale version is **63.8626, -3.4075, 3.4698**.

A 20% lighter version of the original color is **90.7202, -40.9520, 6.2579**, and **53.8912, -36.9034, 12.3045** is the 20% darker color. If you saturate the color by 10%, you get **74.9264, -48.9954, 16.4003**, and if you desaturate by 10%, it is **76.3575, -42.5008, 12.3407**.

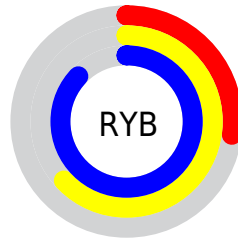
Distribution



Red (27%)

Green (87%)

Blue (68%)



Red (27%)

Yellow (63%)

Blue (87%)

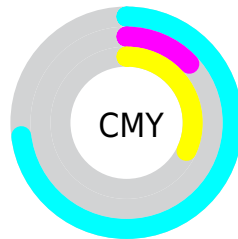


Cyan (70%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (73%)

Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.5383, -46.1500, 14.3075 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 75.5383, -46.1500, 14.3075 by changing the saturation by 10% instead.

■ 75.5383, -46.1500,
14.3075

■ 75.5383, -46.1500,
14.3075

203.3922,
-73.2017, 25.7916

■ 64.0746, -42.6939,
13.0537

■ 100.2779,
-52.6822, 16.8139

■ 53.2564, -39.0698,
11.7916

■ 113.4954,
-55.7996, 18.0716

■ 43.1266, -35.2340,
10.5143

■ 127.2475,
-58.8388, 19.3354

■ 33.7356, -31.1233,
9.2107

■ 141.5142,
-61.8114, 20.6070

■ 25.1469, -26.6426,
7.8629

156.2774,
-64.7268, 21.8876

■ 17.4438, -21.6421,
6.4411

171.5211,

■ 10.7432, -18.8006,

-67.5928, 23.1781

5.5389

187.2305,
-70.4160, 24.4792

■ 1.5420, -2.6986,
1.0794

0.0000, NaN, NaN

■ 75.5383, -46.1500,
14.3075

■ 75.5383, -46.1500,
14.3075

■ 74.9264, -48.9954,
16.4003

■ 76.3575, -42.5008,
12.3407

■ 74.4976, -51.0905,
18.5779


■ 77.3933, -38.0245,
10.5313


■ 74.2156, -52.5755,
20.7860


■ 78.6559, -32.7280,
8.9084


■ 74.2030, -52.6429,
20.8935

■ 80.1500, -26.6407,
7.4941

 81.8765, -19.8099,
6.3050

 83.8336, -12.2962,
5.3513

 86.0167, -4.1678,
4.6376

 88.4195, 4.5033,
4.1637

 89.5424, 8.7211,
2.0466

Harmonies

Analogous

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



75.5398, -36.4620, 29.7885



75.5383, -46.1500, 14.3075



75.5398, -45.6723, -10.3316

Triad

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



75.5398, -46.1506, 14.3083



75.5398, 10.3641, -55.9675



75.5398, 32.9721, 30.7577

Complementary

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



75.5383, -46.1500, 14.3075



45.9434, 58.3452, 7.6101

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.



75.5398, 49.1886, 16.1682



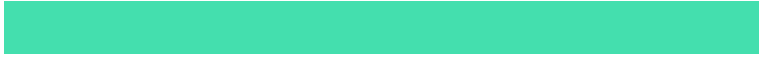
75.5383, -46.1500, 14.3075



75.5398, 34.9951, -35.8028

Square

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



75.5398, -46.1506, 14.3083



75.5398, -15.2570, -56.9823



75.5398, 49.9747, -7.7397



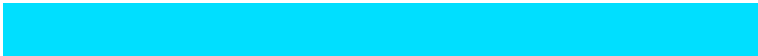
75.5398, 7.8837, 36.9214

Rectangle

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



75.5383, -46.1500, 14.3075



75.5398, -39.6931, -29.2653



75.5398, 49.9747, -7.7397



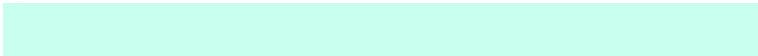
75.5398, 39.7796, 26.9452

Sweetspot

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



75.5398, -46.1506, 14.3083



94.9617, -24.4314, 7.5497



75.4870, -49.8593, 41.3458



43.6681, -12.3476, 3.6642

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.5398, -46.1506, 14.3083



86.9919, -58.1398, 20.1257



67.3815, -24.8632, -20.3462



39.3634, -5.7518, 2.5101



56.9166, -40.2508, 15.7491



15.0381, -10.2707, 3.3752

Inverse Universe

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



45.9434, 58.3452, 7.6101



49.1374, 77.2816, 13.7410



49.5469, 41.8990, 24.7188



37.1101, 1.8438, 1.7500



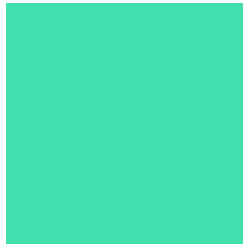
30.8320, 53.7150, 12.8363



8.2145, 14.4985, 1.9674

Previews

White Background



This preview shows how the HunterLab color 75.5383, -46.1500, 14.3075 looks on a white background.

Color Contrast Check

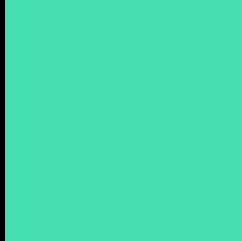
Large Text (above 18pt) WCAG AA × Fail

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 75.5383, -46.1500, 14.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

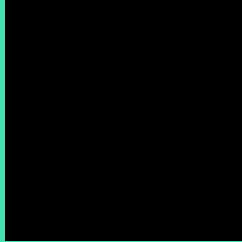
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

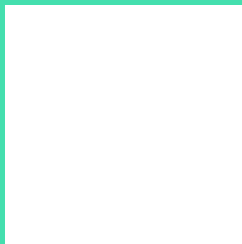
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.5383, -46.1500, 14.3075 Background



This preview shows how black text looks on a background with the HunterLab color 75.5383, -46.1500, 14.3075.



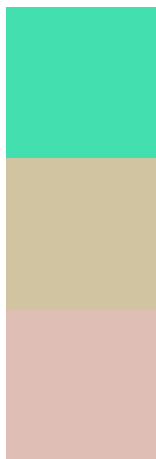
This preview shows how white text looks on a background with the HunterLab color 75.5383,

-46.1500, 14.3075.

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

75.5383, -46.1500, 14.3075

Protanopia

74.8739, -5.4070, 19.3420

Deuteranopia

74.6275, 5.4474, 11.3490



Tritanopia

75.4081, -28.6996, -14.6494

Trichromacy



Original Color

75.5383, -46.1500, 14.3075



Protanomaly

73.5968, -24.3703, 15.8600



Deuteranomaly

73.1863, -18.6091, 10.6493



Tritanomaly

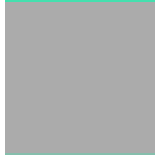
75.3841, -35.5463, -3.1604

Monochromacy



Original Color

75.5383, -46.1500, 14.3075



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

66.9879, -22.1235, 6.3457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.5383, -46.1500, 14.3075 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(68, 223, 174)` looks like.

```
.text, #text, p{  
    color:rgb(68, 223, 174)  
}
```

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(68, 223, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 223, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 75.5383, -46.1500, 14.3075 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(68, 223, 174) }
```


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

```
.border{ border-color:rgb(68, 223, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 223, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 223, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 223, 174);  
box-shadow:4px 4px 4px 4px rgb(68, 223,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.5383, -46.1500, 14.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 223, 174) }
```

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

```
.background{ background-color: rgb(68, 223,  
174) }
```

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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