

Converting Colors

HunterLab(79.1357, -48.8895,
14.3545)

Have a look what the booklet for
HunterLab(79.1357, -48.8895,
14.3545) contains.

HunterLab(79.2381, -49.0078, 14.4467)	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(79.2381,
-49.0078, 14.4467)**

Conversions

Conversions Part 1

Format	Color
Hex	40E9B7
RGB	64, 233, 183
RGB Percent	25%, 91%, 72%
CMY	0.7490, 0.0863, 0.2823
CMYK	0.73, 0.00, 0.21, 0.09
HSL	162°, 79%, 58%
HSV	162°, 73%, 91%
XYZ	39.8006, 62.7868, 54.8211
YIQ	176.7690, -84.6740, -51.3780

Conversions

Conversions Part 2

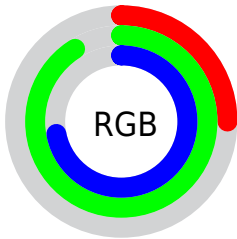
Format	Color
RYB	64, 163, 233
Decimal	4254135
CIELab	83.33, -54.08, 12.15
CIELCh	83, 55.425, 167.336
Yxy	62.7892, 0.2529, 0.3989
Android (android.graphics.Color)	4282444215 (0xFF40E9B7)
YUV	176.7690, 3.0719, -98.8984
Hunter-Lab	79.2381, -49.0078, 14.4467

Details

The HunterLab color **79.2381, -49.0078, 14.4467** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **47.1243, 63.2782, 10.1128**, and the grayscale version is **66.2253, -3.5336, 3.5981**.

A 20% lighter version of the original color is **91.0057, -39.2772, 2.1875**, and **57.1510, -38.9393, 12.6250** is the 20% darker color. If you saturate the color by 10%, you get **78.6666, -51.6915, 16.5696**, and if you desaturate by 10%, it is **80.0214, -45.4976, 12.4620**.

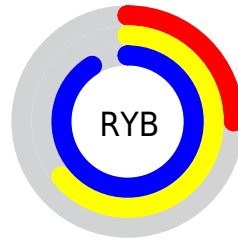
Distribution



Red (25%)

Green (91%)

Blue (72%)



Red (25%)

Yellow (64%)

Blue (91%)

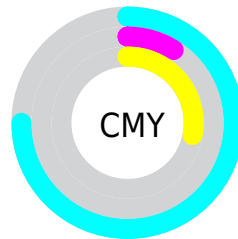


Cyan (73%)

Magenta (0%)

Yellow (21%)

Black (9%)



Cyan (75%)


Magenta (9%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.2381, -49.0078, 14.4467 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 79.2381, -49.0078, 14.4467 by changing the saturation by 10% instead.


 79.2381, -49.0078,
14.4467


 79.2381, -49.0078,
14.4467


208.5196,
-76.9065, 25.8304


 67.5801, -45.4497,
13.2113


 104.3386,
-55.7408, 16.9230

 56.5562, -41.7239,
11.9705


 117.7250,
-58.9562, 18.1678

 46.2070, -37.7887,
10.7187


 131.6395,
-62.0915, 19.4201

 36.5796, -33.5845,
9.4464

 146.0628,
-65.1583, 20.6811

 27.7331, -29.0236,
8.1389

160.9774,
-68.1660, 21.9519

 19.7434, -23.9709,
6.7719

176.3677,

 12.7149, -21.0905,

-71.1223, 23.2333

5.3685

192.2195,
-74.0340, 24.5260

■ 6.0729, -10.6276,
4.2510

0.0000, NaN, NaN

■ 79.2381, -49.0078,
14.4467

■ 79.2381, -49.0078,
14.4467

■ 78.6666, -51.6915,
16.5696

■ 80.0214, -45.4976,
12.4620


■ 78.2787, -53.6194,
18.7858


■ 81.0282, -41.1246,
10.6496


■ 78.0786, -54.6865,
20.4610


■ 82.2711, -35.8862,
9.0405


■ 83.7563, -29.8051,
7.6588

 85.4862, -22.9247,
6.5220

 87.4598, -15.3039,
5.6408

 89.6733, -7.0118,
5.0202

 92.1206, 1.8771,
4.6596

 92.8092, 4.6586,
2.0589

Harmonies

Analogous

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



79.2397, -39.0850, 31.1291



79.2381, -49.0078, 14.4467



79.2397, -48.1651, -11.9583

Triad

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



79.2397, -49.0084, 14.4475



79.2397, 11.9322, -59.2501



79.2397, 34.3448, 32.8322

Complementary

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



79.2381, -49.0078, 14.4467



47.1243, 63.2782, 10.1128

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.



79.2397, 52.0175, 17.7307



79.2381, -49.0078, 14.4467



79.2397, 37.9294, -37.2667

Square

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



79.2397, -49.0084, 14.4475



79.2397, -15.3568, -61.0545



79.2397, 53.4112, -7.3662



79.2397, 7.5420, 39.0800

Rectangle

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



79.2381, -49.0078, 14.4467



79.2397, -41.6176, -32.1066



79.2397, 53.4112, -7.3662



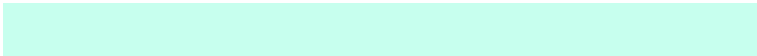
79.2397, 41.6982, 28.9091

Sweetspot

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



79.2397, -49.0084, 14.4475



94.7867, -25.0559, 7.1780



78.9146, -54.1889, 44.0331



43.5972, -12.5963, 3.4653

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.2397, -49.0084, 14.4475



86.9112, -58.4066, 19.5483



69.2204, -24.9654, -23.8175



41.2814, -6.0131, 2.5408



58.8328, -41.0746, 15.1324



16.5369, -11.2002, 3.5082

Inverse Universe

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



47.1243, 63.2782, 10.1128



48.2213, 78.5985, 16.6405



51.3748, 45.1839, 26.8489



38.8939, 1.9187, 1.9273



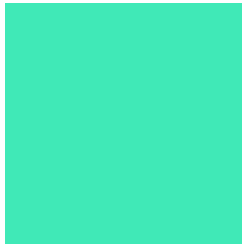
31.7681, 55.2294, 14.1275



8.9935, 15.8124, 2.6269

Previews

White Background



This preview shows how the HunterLab color 79.2381, -49.0078, 14.4467 looks on a white background.

Color Contrast Check

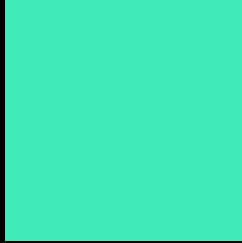
Large Text (above 18pt) WCAG AA × Fail

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 79.2381, -49.0078, 14.4467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

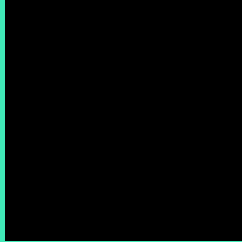
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

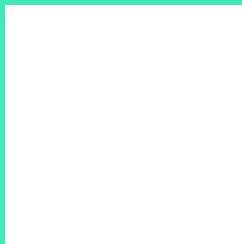
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.2381, -49.0078, 14.4467 Background



This preview shows how black text looks on a background with the HunterLab color 79.2381, -49.0078, 14.4467.



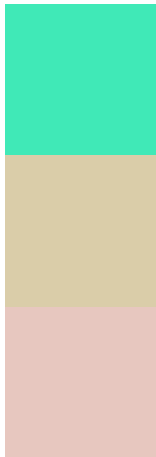
This preview shows how white text looks on a background with the HunterLab color 79.2381,

-49.0078, 14.4467.

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

79.2381, -49.0078, 14.4467

Protanopia

78.3790, -5.2879, 19.8099

Deuteranopia

78.4840, 5.4421, 11.2209



Tritanopia

79.1509, -31.1287, -15.2897

Trichromacy



Original Color

79.2381, -49.0078, 14.4467



Protanomaly

77.0313, -26.2637, 16.1849



Deuteranomaly

76.6586, -20.1747, 10.0861



Tritanomaly

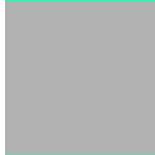
79.0576, -38.3865, -3.2592

Monochromacy



Original Color

79.2381, -49.0078, 14.4467



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

69.5855, -23.6400, 6.1265

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.2381, -49.0078, 14.4467 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, 233, 183)` looks like.

```
.text, #text, p{  
    color:rgb(64, 233, 183)  
}
```

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, 233, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 233, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 79.2381, -49.0078, 14.4467 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, 233, 183) }
```


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

```
.border{ border-color:rgb(64, 233, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 233, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 233, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 233, 183);  
box-shadow:4px 4px 4px 4px rgb(64, 233,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.2381, -49.0078, 14.4467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 233, 183) }
```

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

```
.background{ background-color: rgb(64, 233,  
183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor