

Converting Colors

HunterLab(77.4440, -43.0793,
12.5922)

Have a look what the booklet for
HunterLab(77.4440, -43.0793,
12.5922) contains.

HunterLab(77.5158, -43.1802, 12.7426)	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(77.5158,
-43.1802, 12.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE2B7
RGB	92, 226, 183
RGB Percent	36%, 89%, 72%
CMY	0.6392, 0.1137, 0.2823
CMYK	0.59, 0.00, 0.19, 0.11
HSL	161°, 70%, 62%
HSV	161°, 59%, 89%
XYZ	40.1573, 60.0870, 54.2813
YIQ	181.0320, -66.0610, -41.7810

Conversions

Conversions Part 2

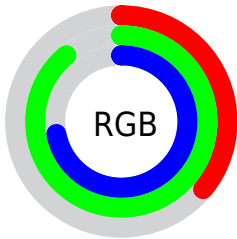
Format	Color
RYB	92, 172, 226
Decimal	6087351
CIELab	81.89, -46.74, 10.18
CIELCh	82, 47.832, 167.706
Yxy	60.0894, 0.2599, 0.3889
Android (android.graphics.Color)	4284277431 (0xFF5CE2B7)
YUV	181.0320, 0.9702, -78.0811
Hunter-Lab	77.5158, -43.1802, 12.7426

Details

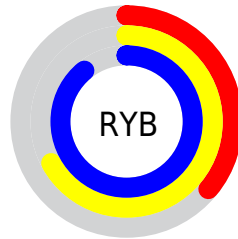
The HunterLab color **77.5158, -43.1802, 12.7426** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **50.5706, 51.1597, 5.1805**, and the grayscale version is **68.0071, -3.6287, 3.6950**.

A 20% lighter version of the original color is **91.9371, -35.7052, 3.3629**, and **55.1010, -36.8068, 10.5839** is the 20% darker color. If you saturate the color by 10%, you get **76.6809, -46.9163, 14.7707**, and if you desaturate by 10%, it is **78.5760, -38.6034, 10.8737**.

Distribution



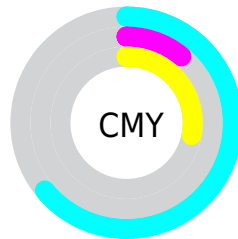
- Red (36%)
- Green (89%)
- Blue (72%)



- Red (36%)
- Yellow (67%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.5158, -43.1802, 12.7426 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 77.5158, -43.1802, 12.7426 by changing the saturation by 10% instead.

■ 77.5158, -43.1802,
12.7426

■ 77.5158, -43.1802,
12.7426

206.1376,
-68.1304, 23.3817

■ 65.9475, -40.0339,
11.6101

■ 102.4496,
-49.1560, 15.0290

■ 55.0184, -36.7468,
10.4787

■ 115.7581,
-52.0200, 16.1854

■ 44.7703, -33.2826,
9.3442

■ 129.5976,
-54.8192, 17.3528

■ 35.2518, -29.5884,
8.1990

■ 143.9484,
-57.5632, 18.5323

■ 26.5238, -25.5850,
7.0309

158.7931,
-60.2603, 19.7244

■ 18.6657, -21.1470,
5.8192

174.1156,

■ 11.7872, -18.9639,

-62.9170, 20.9298

4.6254

189.9015,
-65.5388, 22.1488

■ 4.5703, -7.9980,
3.1992

0.0000, NaN, NaN

■ 77.5158, -43.1802,
12.7426

■ 77.5158, -43.1802,
12.7426

■ 76.6809, -46.9163,
14.7707

■ 78.5760, -38.6034,
10.8737

■ 76.0528, -49.8308,
16.9210


■ 79.8656, -33.1909,
9.1905


■ 75.6131, -51.9798,
19.1547


■ 81.3908, -26.9741,
7.7167

■ 75.3246, -53.4993,
21.4172


■ 83.1526, -20.0018,
6.4695


 75.3064, -53.5974,
21.5749

 85.1489, -12.3360,
5.4595

 87.3751, -4.0465,
4.6918

 89.8245, 4.7931,
4.1665

 90.5578, 7.7248,
1.4392

 90.8016, 9.0250,
-2.0249

Harmonies

Analogous

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



77.5173, -34.5291, 27.7383



77.5158, -43.1802, 12.7426



77.5173, -42.3138, -9.8687

Triad

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



77.5173, -43.1809, 12.7434



77.5173, 9.9377, -48.2423



77.5173, 28.3135, 29.5559

Complementary

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



77.5158, -43.1802, 12.7426



50.5706, 51.1597, 5.1805

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.



77.5173, 43.2366, 16.0768



77.5158, -43.1802, 12.7426



77.5173, 31.7976, -30.2210

Square

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



77.5173, -43.1809, 12.7434



77.5173, -13.4360, -49.9288



77.5173, 44.5820, -5.3979



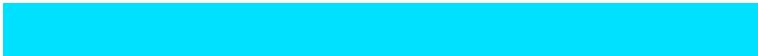
77.5173, 5.6152, 35.3430

Rectangle

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



77.5158, -43.1802, 12.7426



77.5173, -36.4484, -26.5756



77.5173, 44.5820, -5.3979



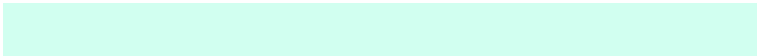
77.5173, 34.5157, 25.9926

Sweetspot

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



77.5173, -43.1809, 12.7434



95.6019, -21.9461, 7.2685



77.7549, -45.6397, 39.3917



43.9388, -11.2892, 3.5394

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.5173, -43.1809, 12.7434



87.7499, -54.6057, 17.4649



71.2714, -25.4041, -16.3858



39.3619, -5.7599, 2.5309



56.8987, -40.3604, 16.0081



15.0338, -10.2970, 3.4374

Inverse Universe

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



50.5706, 51.1597, 5.1805



52.7430, 69.6531, 9.1593



53.9009, 35.9950, 22.7050



37.1116, 1.8517, 1.7290



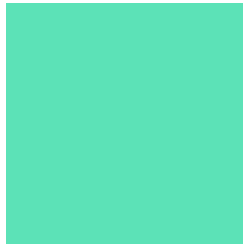
30.8454, 53.7641, 12.6415



8.2186, 14.5135, 1.9083

Previews

White Background



This preview shows how the HunterLab color 77.5158, -43.1802, 12.7426 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 77.5158, -43.1802, 12.7426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

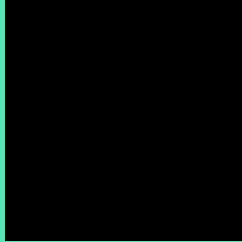
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

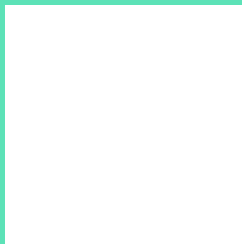
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.5158, -43.1802, 12.7426 Background



This preview shows how black text looks on a background with the HunterLab color 77.5158, -43.1802, 12.7426.



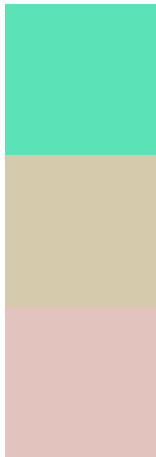
This preview shows how white text looks on a background with the HunterLab color 77.5158,

-43.1802, 12.7426.

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

77.5158, -43.1802, 12.7426

Protanopia

77.0243, -5.2198, 17.7134

Deuteranopia

76.7572, 5.6090, 9.7663



Tritanopia

77.5233, -27.3837, -13.4022

Trichromacy



Original Color

77.5158, -43.1802, 12.7426



Protanomaly

76.2356, -22.4421, 15.0408



Deuteranomaly

75.5497, -16.0332, 9.3772



Tritanomaly

77.5857, -33.7291, -2.9481

Monochromacy



Original Color

77.5158, -43.1802, 12.7426



Achromatopsia

67.9762, -3.6270, 3.6933



Achromatomaly

70.4978, -20.0554, 5.8692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.5158, -43.1802, 12.7426 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(92, 226, 183)` looks like.

```
.text, #text, p{  
    color:rgb(92, 226, 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(92, 226, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 226, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 77.5158, -43.1802, 12.7426 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(92, 226, 183) }
```


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

```
.border{ border-color:rgb(92, 226, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 226, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 226, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 226, 183);  
box-shadow:4px 4px 4px 4px rgb(92, 226,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.5158, -43.1802, 12.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 226, 183) }
```

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

```
.background{ background-color: rgb(92, 226,  
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