

Converting Colors

HunterLab(75.6913, -53.9420,
23.1548)

Have a look what the booklet for
HunterLab(75.6913, -53.9420,
23.1548) contains.

HunterLab(75.7115, -53.9212, 23.1133)	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(75.7115,
-53.9212, 23.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	17E396
RGB	23, 227, 150
RGB Percent	9%, 89%, 59%
CMY	0.9098, 0.1098, 0.4118
CMYK	0.90, 0.00, 0.34, 0.11
HSL	157°, 82%, 49%
HSV	157°, 90%, 89%
XYZ	33.3274, 57.3223, 38.1619
YIQ	157.2260, -96.8670, -67.1950

Conversions

Conversions Part 2

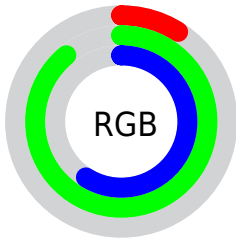
Format	Color
R_{YB}	23, 149, 227
Decimal	1565590
CIE _{Lab}	80.36, -62.77, 25.13
CIE _{LCh}	80, 67.610, 158.182
Yxy	57.3246, 0.2587, 0.4450
Android (android.graphics.Color)	4279755670 (0xFF17E396)
YUV	157.2260, -3.5624, -117.7162
Hunter-Lab	75.7115, -53.9212, 23.1133

Details

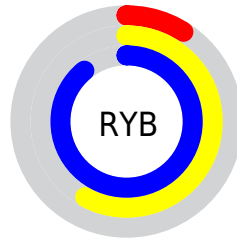
The HunterLab color **75.7115, -53.9212, 23.1133** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **42.2672, 70.8322, 10.3674**, and the grayscale version is **58.2029, -3.1056, 3.1623**.

A 20% lighter version of the original color is **89.0913, -48.7961, 15.6058**, and **54.4521, -40.7865, 19.9859** is the 20% darker color. If you saturate the color by 10%, you get **75.4177, -55.4994, 25.5567**, and if you desaturate by 10%, it is **76.1595, -51.7050, 20.6402**.

Distribution



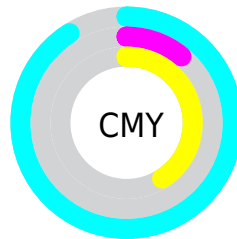
- Red (9%)
- Green (89%)
- Blue (59%)



- Red (9%)
- Yellow (58%)
- Blue (89%)



- Cyan (90%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (91%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.7115, -53.9212, 23.1133 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 75.7115, -53.9212, 23.1133 by changing the saturation by 10% instead.

■ 75.7115, -53.9212,
23.1133

■ 75.7115, -53.9212,
23.1133

203.6331,
-85.6990, 39.5774

■ 64.2385, -49.7882,
21.1484

■ 100.4682,
-61.6854, 26.9147

■ 53.4106, -45.4358,
19.1216

■ 113.6938,
-65.3694, 28.7686

■ 43.2703, -40.8093,
17.0138

■ 127.4536,
-68.9481, 30.6007

■ 33.8681, -35.8303,
14.7969

■ 141.7277,
-72.4364, 32.4158

■ 25.2670, -30.3840,
12.4294

■ 156.4981,
-75.8464, 34.2181

■ 17.5502, -24.5058,
9.9284

171.7487,

■ 10.8337, -18.9589,

-79.1881, 36.0107

7.5836

187.4649,
-82.4699, 37.7964

■ 2.0014, -3.5024,
1.4010

0.0000, NaN, NaN

■ 75.7115, -53.9212,
23.1133

■ 75.7115, -53.9212,
23.1133

■ 75.4177, -55.4994,
25.5567

■ 76.1595, -51.7050,
20.6402

■ 75.4140, -55.5193,
25.5894

■ 76.7980, -48.6980,
18.1930

■ 77.6487, -44.8443,
15.8140

■ 78.7258, -40.1232,
13.5410

■ 80.0382, -34.5437,
11.4074

■ 81.5903, -28.1390,
9.4415

■ 83.3831, -20.9611,
7.6657

■ 85.4142, -13.0753,
6.0965

■ 87.6786, -4.5552,
4.7448

Harmonies

Analogous

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



75.7130, -39.0491, 37.6223



75.7115, -53.9212, 23.1133



75.7130, -56.6671, -4.8721

Triad

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



75.7130, -53.9219, 23.1139



75.7130, 5.0916, -81.9289



75.7130, 51.8422, 32.5069

Complementary

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



75.7115, -53.9212, 23.1133



42.2672, 70.8322, 10.3674

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.



75.7130, 68.5873, 12.1310



75.7115, -53.9212, 23.1133



75.7130, 38.7647, -59.3879

Square

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



75.7130, -53.9219, 23.1139



75.7130, -25.9758, -74.8405



75.7130, 63.4347, -21.5800



75.7130, 20.7089, 41.2254

Rectangle

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



75.7115, -53.9212, 23.1133



75.7130, -51.7822, -29.8229



75.7130, 63.4347, -21.5800



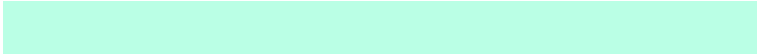
75.7130, 59.5611, 27.2333

Sweetspot

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



75.7130, -53.9219, 23.1139



93.6139, -29.9873, 10.2053



76.0138, -55.4958, 45.2350



43.0024, -15.1207, 5.0580

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.7130, -53.9219, 23.1139



86.0316, -63.4216, 29.3770



69.6687, -30.6479, -19.4561



40.2980, -6.0072, 2.8459



57.6112, -42.2732, 19.2467



15.7181, -11.1406, 4.4031

Inverse Universe

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



42.2672, 70.8322, 10.3674



47.0205, 82.3301, 16.3830



42.9086, 61.5394, 26.3964



38.0231, 2.0038, 1.5130



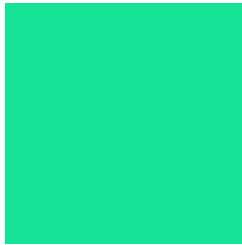
31.5183, 55.2763, 10.2874



8.6700, 15.3999, 1.3215

Previews

White Background



This preview shows how the HunterLab color 75.7115, -53.9212, 23.1133 looks on a white background.

Color Contrast Check

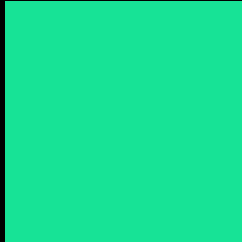
Large Text (above 18pt) WCAG AA × Fail

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 75.7115, -53.9212, 23.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

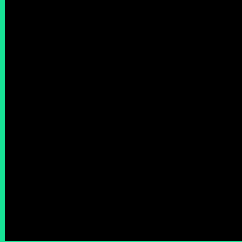
Any Text WCAG AA ✓ Pass

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 75.7115, -53.9212, 23.1133 Background



This preview shows how black text looks on a background with the HunterLab color 75.7115, -53.9212, 23.1133.



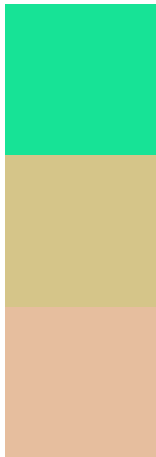
This preview shows how white text looks on a background with the HunterLab color 75.7115, -53.9212, 23.1133.

-53.9212, 23.1133.

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

75.7115, -53.9212, 23.1133

Protanopia

74.7561, -6.8453, 27.1740

Deuteranopia

74.9123, 5.2421, 20.6505



Tritanopia

75.7070, -30.9676, -14.8537

Trichromacy



Original Color

75.7115, -53.9212, 23.1133



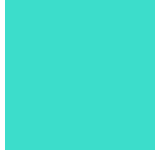
Protanomaly

72.7970, -31.9130, 23.4556



Deuteranomaly

72.1436, -25.3276, 18.5258



Tritanomaly

75.4886, -41.0696, 1.4208

Monochromacy



Original Color

75.7115, -53.9212, 23.1133



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

62.4317, -27.0698, 8.9628

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.7115, -53.9212, 23.1133 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(23, 227, 150)` looks like.

```
.text, #text, p{  
    color:rgb(23, 227, 150)  
}
```

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(23, 227, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 227, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 75.7115, -53.9212, 23.1133 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(23, 227, 150) }
```


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

```
.border{ border-color:rgb(23, 227, 150) }
```

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

Here you see how a box with a 4 pixel rgb(23, 227, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 227, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 227, 150);  
box-shadow:4px 4px 4px 4px rgb(23, 227,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.7115, -53.9212, 23.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 227, 150) }
```

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

```
.background{ background-color: rgb(23, 227,  
150) }
```

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