

Converting Colors

HunterLab(77.1184, -51.6867,
16.1433)

Have a look what the booklet for
HunterLab(77.1184, -51.6867,
16.1433) contains.

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Color

**HunterLab(77.2912,
-51.9138, 16.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	12E6AD
RGB	18, 230, 173
RGB Percent	7%, 90%, 68%
CMY	0.9293, 0.0980, 0.3216
CMYK	0.92, 0.00, 0.25, 0.10
HSL	164°, 85%, 49%
HSV	164°, 92%, 90%
XYZ	36.0891, 59.7393, 49.1639
YIQ	160.1140, -108.0550, -62.6710

Conversions

Conversions Part 2

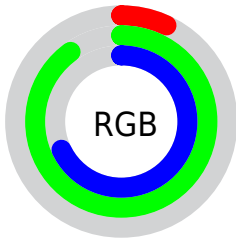
Format	Color
R_{YB}	18, 140, 230
Decimal	1238701
CIE _{Lab}	81.70, -59.04, 15.01
CIE _{LCh}	82, 60.921, 165.739
Yxy	59.7416, 0.2489, 0.4120
Android (android.graphics.Color)	4279428781 (0xFF12E6AD)
YUV	160.1140, 6.3528, -124.6340
Hunter-Lab	77.2912, -51.9138, 16.3903

Details

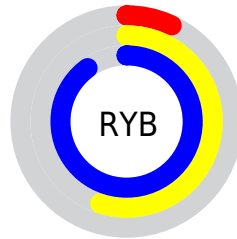
The HunterLab color **77.2912, -51.9138, 16.3903** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **42.1488, 70.7450, 17.8408**, and the grayscale version is **59.3469, -3.1666, 3.2244**.

A 20% lighter version of the original color is **89.8264, -44.4983, 5.6429**, and **55.9175, -39.1357, 14.5908** is the 20% darker color. If you saturate the color by 10%, you get **77.0899, -52.9853, 18.0243**, and if you desaturate by 10%, it is **77.6722, -50.0486, 14.3548**.

Distribution



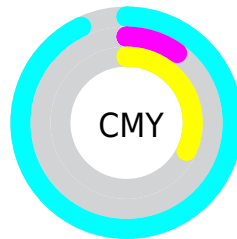
- Red (7%)
- Green (90%)
- Blue (68%)



- Red (7%)
- Yellow (55%)
- Blue (90%)



- Cyan (92%)
- Magenta (0%)
- Yellow (25%)
- Black (10%)





- Cyan (93%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.2912, -51.9138, 16.3903 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 77.2912, -51.9138, 16.3903 by changing the saturation by 10% instead.


 77.2912, -51.9138,
16.3903


 77.2912, -51.9138,
16.3903


205.8263,
-82.0032, 28.8454


 65.7346, -48.0324,
15.0012


 102.2031,
-59.2275, 19.1456


 54.8181, -43.9549,
13.5948


 115.5013,
-62.7073, 20.5188

 44.5833, -39.6324,
12.1623


 129.3309,
-66.0930, 21.8933

 35.0792, -34.9950,
10.6901

 143.6723,
-69.3979, 23.2712

 26.3668, -29.9400,
9.1568

 158.5077,
-72.6331, 24.6541

 18.5260, -24.3104,
7.5272

173.8213,

 11.6674, -20.4180,

-75.8075, 26.0434

6.3337

189.5986,
-78.9288, 27.4402

■ 4.3351, -7.5864,
3.0346

0.0000, NaN, NaN

■ 77.2912, -51.9138,
16.3903

■ 77.2912, -51.9138,
16.3903

■ 77.0899, -52.9853,
18.0243

■ 77.6722, -50.0486,
14.3548

■ 78.2335, -47.4463,
12.4356

■ 78.9994, -44.0371,
10.6739

■ 79.9859, -39.7872,
9.1040

■ 81.2035, -34.6931,
7.7534

■ 82.6587, -28.7763,
6.6433

■ 84.3536, -22.0782,
5.7882

■ 86.2875, -14.6556,
5.1962

■ 88.4565, -6.5753,
4.8692

Harmonies

Analogous

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



77.2927, -40.8098, 33.2573



77.2912, -51.9138, 16.3903



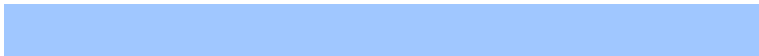
77.2927, -51.6332, -11.9659

Triad

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



77.2927, -51.9143, 16.3910



77.2927, 11.9230, -68.1463



77.2927, 39.7379, 33.8042

Complementary

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



77.2912, -51.9138, 16.3903



42.1488, 70.7450, 17.8408

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.



77.2927, 58.6316, 17.4990



77.2912, -51.9138, 16.3903



77.2927, 40.9989, -43.9181

Square

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



77.2927, -51.9143, 16.3910



77.2927, -17.6544, -68.8042



77.2927, 59.1251, -10.3530



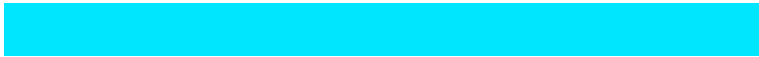
77.2927, 10.3971, 40.4347

Rectangle

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



77.2912, -51.9138, 16.3903



77.2927, -45.1111, -34.5653



77.2927, 59.1251, -10.3530



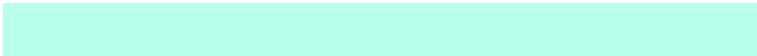
77.2927, 47.7033, 29.6197

Sweetspot

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



77.2927, -51.9143, 16.3910



93.6512, -29.4345, 7.0479



76.3299, -59.7830, 45.5423



42.9619, -15.0754, 3.4722

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.2927, -51.9143, 16.3910



86.6508, -59.6213, 20.3995



63.3672, -21.6267, -31.3806



40.3321, -5.8175, 2.3597



58.0218, -39.7540, 13.2953



15.8210, -10.5117, 2.9169

Inverse Universe

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



42.1488, 70.7450, 17.8408



46.5664, 80.6577, 23.0264



45.3085, 56.9210, 28.1653



37.9886, 1.8184, 2.0048



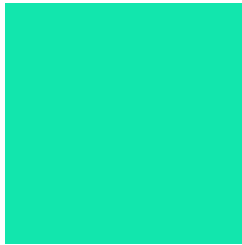
31.2052, 54.1236, 14.8633



8.5717, 15.0402, 2.7413

Previews

White Background



This preview shows how the HunterLab color 77.2912, -51.9138, 16.3903 looks on a white background.

Color Contrast Check

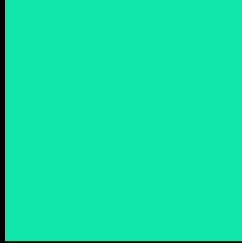
Large Text (above 18pt) WCAG AA × Fail

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 77.2912, -51.9138, 16.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

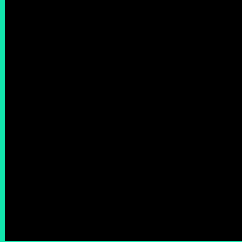
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

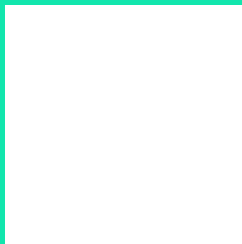
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.2912, -51.9138, 16.3903 Background



This preview shows how black text looks on a background with the HunterLab color 77.2912, -51.9138, 16.3903.



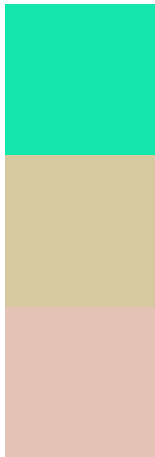
This preview shows how white text looks on a background with the HunterLab color 77.2912, -51.9138, 16.3903.

-51.9138, 16.3903.

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

77.2912, -51.9138, 16.3903

Protanopia

76.5328, -5.9427, 21.6442

Deuteranopia

76.4289, 5.5090, 13.2787



Tritanopia

77.0978, -32.2679, -15.8570

Trichromacy



Original Color

77.2912, -51.9138, 16.3903



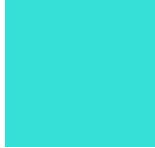
Protanomaly

74.5701, -30.9858, 17.4821



Deuteranomaly

73.8345, -24.5356, 11.2445



Tritanomaly

76.8127, -40.4400, -3.0004

Monochromacy



Original Color

77.2912, -51.9138, 16.3903



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

63.7202, -26.5612, 5.6768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.2912, -51.9138, 16.3903 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(18, 230, 173)` looks like.

```
.text, #text, p{  
    color:rgb(18, 230, 173)  
}
```

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(18, 230, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 230, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 77.2912, -51.9138, 16.3903 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(18, 230, 173) }
```


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

```
.border{ border-color:rgb(18, 230, 173) }
```

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

Here you see how a box with a 4 pixel rgb(18, 230, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 230, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 230, 173);  
box-shadow:4px 4px 4px 4px rgb(18, 230,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.2912, -51.9138, 16.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 230, 173) }
```

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

```
.background{ background-color: rgb(18, 230,  
173) }
```

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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