

Converting Colors

HunterLab(83.5172, -58.9237,
29.0367)

Have a look what the booklet for
HunterLab(83.5172, -58.9237,
29.0367) contains.

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Color

**HunterLab(83.5172,
-58.9237, 29.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	3BF799
RGB	59, 247, 153
RGB Percent	23%, 97%, 60%
CMY	0.7686, 0.0314, 0.4000
CMYK	0.76, 0.00, 0.38, 0.03
HSL	150°, 92%, 60%
HSV	150°, 76%, 97%
XYZ	40.8141, 69.7512, 41.4492
YIQ	180.0720, -81.8740, -69.0900

Conversions

Conversions Part 2

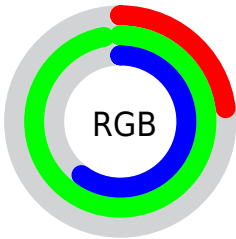
Format	Color
RYB	59, 184, 247
Decimal	3930009
CIELab	86.88, -66.21, 32.42
CIELCh	87, 73.719, 153.909
Yxy	69.7540, 0.2685, 0.4588
Android (android.graphics.Color)	4282120089 (0xFF3BF799)
YUV	180.0720, -13.3465, -106.1801
Hunter-Lab	83.5172, -58.9237, 29.0367

Details

The HunterLab color **83.5172, -58.9237, 29.0367** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **50.2030, 74.5406, -3.3552**, and the grayscale version is **67.6685, -3.6106, 3.6766**.

A 20% lighter version of the original color is **90.0337, -44.9120, 15.3945**, and **61.1022, -46.9054, 24.8830** is the 20% darker color. If you saturate the color by 10%, you get **82.9350, -61.8132, 32.1039**, and if you desaturate by 10%, it is **84.3355, -55.0612, 25.8588**.

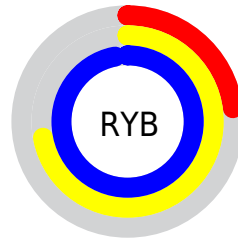
Distribution



Red (23%)

Green (97%)

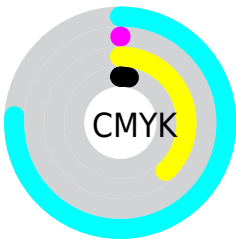
Blue (60%)



Red (23%)

Yellow (72%)

Blue (97%)

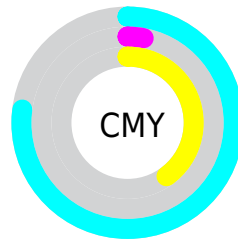


Cyan (76%)

Magenta (0%)

Yellow (38%)

Black (3%)



Cyan (77%)


Magenta (3%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.5172, -58.9237, 29.0367 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 83.5172, -58.9237, 29.0367 by changing the saturation by 10% instead.


 83.5172, -58.9237,
29.0367


 83.5172, -58.9237,
29.0367


214.4029,
-91.6182, 48.3354

 71.6422, -54.7078,
26.6882


 109.0220,
-66.8774, 33.5543


 60.3889, -50.2856,
24.2584


 122.5980,
-70.6624, 35.7441

 49.7956, -45.6103,
21.7263


 136.6949,
-74.3443, 37.8993

 39.9063, -40.6156,
19.0628

 151.2942,
-77.9370, 40.0258

 30.7753, -35.2077,
16.2272

166.3792,
-81.4519, 42.1288

 22.4717, -29.2484,
13.1631

181.9346,

 15.0881, -24.5167,

-84.8985, 44.2125

10.5616

197.9468,
-88.2851, 46.2804

■ 8.7248, -15.2684,
6.1074

0.0000, NaN, NaN

■ 83.5172, -58.9237,
29.0367

■ 83.5172, -58.9237,
29.0367

■ 82.9350, -61.8132,
32.1039

■ 84.3355, -55.0612,
25.8588


■ 82.5546, -63.8235,
35.0105


■ 85.4050, -50.1778,
22.6157


■ 82.4419, -64.4470,
36.0773


■ 86.7406, -44.2692,
19.3546


■ 88.3499, -37.3636,
16.1199

 90.2356, -29.5152,
12.9523

 92.3965, -20.7979,
9.8877

 94.8279, -11.2981,
6.9560

 97.3653, -1.6486,
3.9843

 97.4700, -1.0791,
2.4928

Harmonies

Analogous

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



83.5189, -40.3422, 43.3071



83.5172, -58.9237, 29.0367



83.5189, -63.9188, -0.1676

Triad

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



83.5189, -58.9246, 29.0373



83.5189, 0.4114, -94.1781



83.5189, 62.6544, 34.0263

Complementary

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



83.5172, -58.9237, 29.0367



50.2030, 74.5406, -3.3552

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.



83.5189, 78.3852, 9.0002



83.5172, -58.9237, 29.0367



83.5189, 38.7333, -72.7041

Square

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



83.5189, -58.9246, 29.0373



83.5189, -33.3245, -81.1693



83.5189, 68.9551, -30.7538



83.5189, 28.9478, 45.1898

Rectangle

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



83.5172, -58.9237, 29.0367



83.5189, -59.7452, -27.5463



83.5189, 68.9551, -30.7538



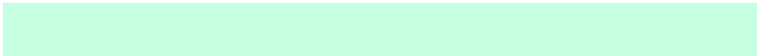
83.5189, 70.4613, 27.4601

Sweetspot

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



83.5189, -58.9246, 29.0373



94.2210, -27.9176, 12.4404



85.9777, -51.2461, 49.2281



43.2336, -14.3750, 6.2950

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5189, -58.9246, 29.0373



85.7700, -65.2481, 34.8309



86.0104, -43.8971, -6.6973



43.1396, -6.6930, 3.6390



59.9772, -46.7186, 25.8857



17.8393, -13.4896, 6.8227

Inverse Universe

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



50.2030, 74.5406, -3.3552



48.7178, 84.0332, 1.7747



48.2210, 66.6310, 25.2521



40.7685, 2.4076, 1.0096



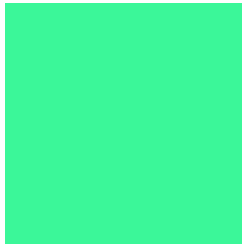
33.5404, 59.7992, 3.3765



10.0473, 18.1052, -0.4766

Previews

White Background



This preview shows how the HunterLab color 83.5172, -58.9237, 29.0367 looks on a white background.

Color Contrast Check

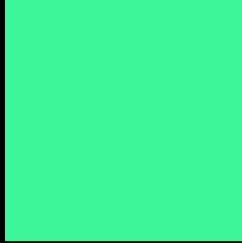
Large Text (above 18pt) WCAG AA × Fail

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 83.5172, -58.9237, 29.0367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

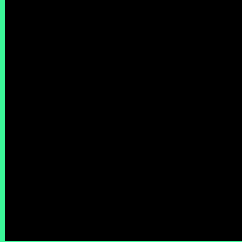
Any Text WCAG AA ✓ Pass

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 83.5172, -58.9237, 29.0367 Background



This preview shows how black text looks on a background with the HunterLab color 83.5172, -58.9237, 29.0367.



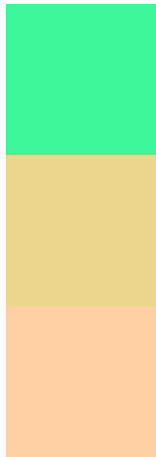
This preview shows how white text looks on a background with the HunterLab color 83.5172, -58.9237, 29.0367.

-58.9237, 29.0367.

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

83.5172, -58.9237, 29.0367

Protanopia

82.4541, -7.9838, 32.8273

Deuteranopia

82.6469, 5.9214, 26.5082



Tritanopia

83.3403, -31.9193, -15.9120

Trichromacy



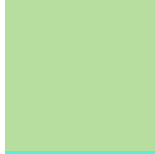
Original Color

83.5172, -58.9237, 29.0367



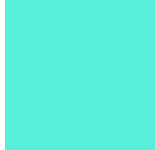
Protanomaly

80.9497, -33.2662, 29.6781



Deuteranomaly

80.5065, -25.7961, 24.9995



Tritanomaly

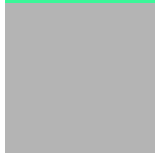
82.9271, -43.2634, 3.4075

Monochromacy



Original Color

83.5172, -58.9237, 29.0367



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

71.6395, -28.1905, 12.1760

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5172, -58.9237, 29.0367 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(59, 247, 153)` looks like.

```
.text, #text, p{  
    color:rgb(59, 247, 153)  
}
```

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(59, 247, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 247, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5172, -58.9237, 29.0367 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(59, 247, 153) }
```


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

```
.border{ border-color:rgb(59, 247, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 247, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 247, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 247, 153);  
box-shadow:4px 4px 4px 4px rgb(59, 247,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5172, -58.9237, 29.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 247, 153) }
```

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

```
.background{ background-color: rgb(59, 247,  
153) }
```

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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