

# Converting Colors

HunterLab(82.8470, -58.2708,  
23.5983)

Have a look what the booklet for  
HunterLab(82.8470, -58.2708,  
23.5983) contains.

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# Color

**HunterLab(83.0333,  
-58.4061, 23.6897)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19F6A8
RGB	25, 246, 168
RGB Percent	10%, 96%, 66%
CMY	0.9019, 0.0353, 0.3412
CMYK	0.90, 0.00, 0.32, 0.04
HSL	159°, 92%, 53%
HSV	159°, 90%, 96%
XYZ	40.4245, 68.9453, 48.2229
YIQ	171.0290, -106.6780, -71.1100

# Conversions

## Conversions Part 2

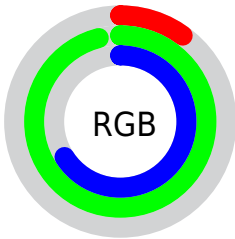
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 159, 246
Decimal	1701544
CIE <sub>Lab</sub>	86.48, -65.70, 24.23
CIE <sub>LCh</sub>	86, 70.023, 159.751
Yxy	68.9480, 0.2565, 0.4375
Android (android.graphics.Color)	4279891624 (0xFF19F6A8)
YUV	171.0290, -1.4933, -128.0674
Hunter-Lab	83.0333, -58.4061, 23.6897

# Details

The HunterLab color **83.0333, -58.4061, 23.6897** 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 **46.1184, 77.2251, 13.2674**, and the grayscale version is **63.8680, -3.4078, 3.4701**.

A 20% lighter version of the original color is **89.8328, -44.8401, 8.4933**, and **61.0143, -44.9418, 20.7539** is the 20% darker color. If you saturate the color by 10%, you get **82.7230, -60.0759, 26.3082**, and if you desaturate by 10%, it is **83.5129, -56.0395, 21.0654**.

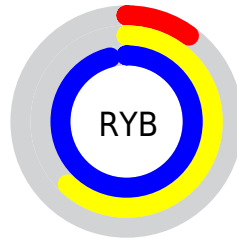
# Distribution



Red (10%)

Green (96%)

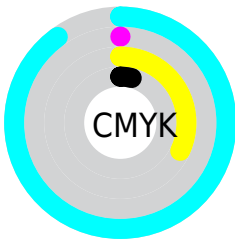
Blue (66%)



Red (10%)

Yellow (62%)

Blue (96%)

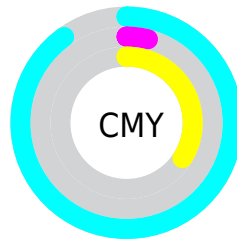


Cyan (90%)

Magenta (0%)

Yellow (32%)

Black (4%)



Cyan (90%)

Magenta (4%)


Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0333, -58.4061, 23.6897 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 83.0333, -58.4061, 23.6897 by changing the saturation by 10% instead.




 83.0333, -58.4061,  
23.6897


 83.0333, -58.4061,  
23.6897


213.7399,  
-90.9194, 39.7104

 71.1824, -54.2129,  
21.8050


 108.4930,  
-66.3155, 27.3583

 59.9546, -49.8142,  
19.8712


 122.0479,  
-70.0795, 29.1560


 49.3884, -45.1625,  
17.8736


 136.1244,  
-73.7408, 30.9369

 39.5282, -40.1916,  
15.7904

 150.7041,  
-77.3134, 32.7051

 30.4286, -34.8068,  
13.5906

 165.7701,  
-80.8087, 34.4641

 22.1597, -28.8687,  
11.2266


181.3071,

 14.8150, -24.3583,


-84.2364, 36.2165


9.2021


197.3013,  
-87.6043, 37.9647


 8.4687, -14.8202,  
5.9281


0.0000, NaN, NaN


 83.0333, -58.4061,  
23.6897


 83.0333, -58.4061,  
23.6897


 82.7230, -60.0759,  
26.3082


 83.5129, -56.0395,  
21.0654


 82.7183, -60.1015,  
26.3513


 84.2002, -52.8143,  
18.4954


 85.1197, -48.6663,  
16.0261


 86.2872, -43.5703,  
13.6984

 87.7129, -37.5342,  
11.5475

 89.4020, -30.5926,  
9.6028

 91.3557, -22.8013,  
7.8867

 93.5717, -14.2307,  
6.4152

 96.0446, -4.9608,  
5.1975

# Harmonies

## Analogous

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



83.0349, -43.0808, 40.1058



83.0333, -58.4061, 23.6897



83.0349, -60.6856, -7.0154

# Triad

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



83.0349, -58.4068, 23.6904



83.0349, 7.2198, -86.0201



83.0349, 53.6076, 35.8184

# Complementary

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



83.0333, -58.4061, 23.6897



46.1184, 77.2251, 13.2674

# 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.



83.0349, 72.4480, 14.6059



83.0333, -58.4061, 23.6897



83.0349, 42.8966, -60.9263

# Square

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



83.0349, -58.4068, 23.6904



83.0349, -26.3737, -80.2626



83.0349, 68.2341, -20.7018



83.0349, 20.0481, 44.8367



# Rectangle

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



83.0333, -58.4061, 23.6897



83.0349, -54.9632, -33.7342



83.0349, 68.2341, -20.7018



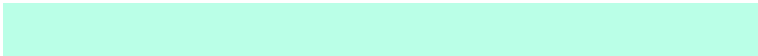
83.0349, 62.1042, 30.3342

# Sweetspot

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



83.0349, -58.4068, 23.6904



93.6645, -29.6967, 9.4811



83.0970, -61.4686, 49.4710



43.0285, -14.9702, 4.6846

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.0349, -58.4068, 23.6904



86.1605, -62.6275, 27.5017



74.9994, -31.9296, -23.2733



43.1887, -6.4190, 2.9369



60.4549, -43.7682, 18.9196



17.9769, -12.6427, 4.8224



# Inverse Universe

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



46.1184, 77.2251, 13.2674



46.9023, 81.8958, 18.1053



47.2727, 66.5167, 29.1391



40.7175, 2.1334, 1.7370



32.9360, 57.5875, 12.1066

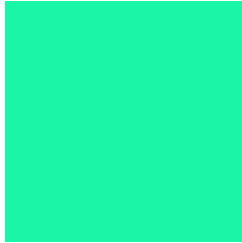


9.8600, 17.4234, 2.2013



# Previews

## White Background



This preview shows how the HunterLab color 83.0333, -58.4061, 23.6897 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

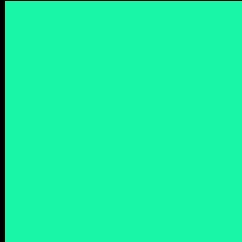
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.0333, -58.4061, 23.6897 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

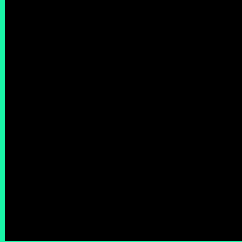
Any Text WCAG AA ✓ Pass

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 83.0333, -58.4061, 23.6897 Background



This preview shows how black text looks on a background with the HunterLab color 83.0333, -58.4061, 23.6897.



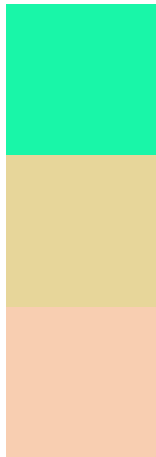
This preview shows how white text looks on a background with the HunterLab color 83.0333, -58.4061, 23.6897.

-58.4061, 23.6897.

# 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

83.0333, -58.4061, 23.6897

### Protanopia

82.1067, -7.0850, 28.3935

### Deuteranopia

82.0204, 6.0157, 20.5781



## Tritanopia

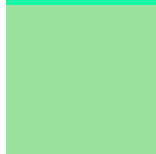
82.8243, -33.8908, -16.6800

# Trichromacy



## Original Color

83.0333, -58.4061, 23.6897



## Protanomaly

79.9774, -34.6945, 24.3579



## Deuteranomaly

79.3627, -27.7021, 18.5017



## Tritanomaly

82.5534, -44.3567, -0.0466

# Monochromacy



## Original Color

83.0333, -58.4061, 23.6897



## Achromatopsia

63.8154, -3.4050, 3.4672



## Achromatomaly

68.6600, -29.3686, 8.9536

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.0333, -58.4061, 23.6897 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(25, 246, 168)` looks like.

```
.text, #text, p{  
    color:rgb(25, 246, 168)  
}
```

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(25, 246, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 246, 168) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.0333, -58.4061, 23.6897 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(25, 246, 168) }
```



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

```
.border{ border-color:rgb(25, 246, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 246, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 246, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 246, 168);  
box-shadow:4px 4px 4px 4px rgb(25, 246,  
168) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.0333, -58.4061, 23.6897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 246, 168) }
```

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

```
.background{ background-color: rgb(25, 246,  
168) }
```

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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