

# Converting Colors

HunterLab(86.7866, -59.6023,  
24.7242)

Have a look what the booklet for  
HunterLab(86.7866, -59.6023,  
24.7242) contains.

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# Color

**HunterLab(86.7865,  
-59.6032, 24.7263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FFAF
RGB	51, 255, 175
RGB Percent	20%, 100%, 69%
CMY	0.8000, 0.0000, 0.3137
CMYK	0.80, 0.00, 0.31, 0.00
HSL	156°, 100%, 60%
HSV	156°, 80%, 100%
XYZ	44.8631, 75.3190, 52.7310
YIQ	184.8840, -95.9040, -68.1280

# Conversions

## Conversions Part 2

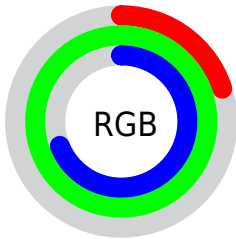
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 178, 255
Decimal	3407791
CIELab	89.54, -65.62, 24.91
CIELCh	90, 70.188, 159.214
Yxy	75.3193, 0.2595, 0.4356
Android (android.graphics.Color)	4281597871 (0xFF33FFAF)
YUV	184.8840, -4.8728, -117.4163
Hunter-Lab	86.7865, -59.6032, 24.7263

# Details

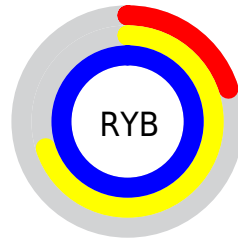
The HunterLab color **86.7865, -59.6032, 24.7263** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **50.2665, 77.2342, 6.9965**, and the grayscale version is **69.6538, -3.7166, 3.7844**.

A 20% lighter version of the original color is **90.5734, -41.4594, 5.5959**, and **64.2944, -47.3302, 21.8101** is the 20% darker color. If you saturate the color by 10%, you get **86.2843, -62.1135, 27.6192**, and if you desaturate by 10%, it is **87.5102, -56.1760, 21.8414**.

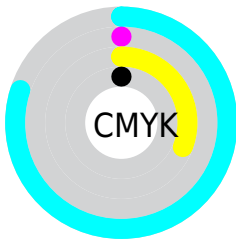
# Distribution



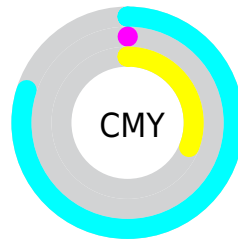
- Red (20%)
- Green (100%)
- Blue (69%)



- Red (20%)
- Yellow (70%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7865, -59.6032, 24.7263 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 86.7865, -59.6032, 24.7263 by changing the saturation by 10% instead.





 86.7865, -59.6032,  
24.7263

 86.7865, -59.6032,  
24.7263


218.8639,  
-91.8397, 40.9729

 74.7492, -55.4680,  
22.8157


 112.5896,  
-67.4183, 28.4443


 63.3264, -51.1412,  
20.8587


 126.3064,  
-71.1454, 30.2677

 52.5531, -46.5783,  
18.8400


 140.5390,  
-74.7745, 32.0743

 42.4713, -41.7193,  
16.7396

 155.2694,  
-78.3189, 33.8681

 33.1321, -36.4797,  
14.5288

170.4812,  
-81.7893, 35.6523

 24.6000, -30.7363,  
12.1650

186.1598,

 16.9602, -24.8979,

-85.1947, 37.4298

9.7250

202.2914,  
-88.5427, 39.2027

■ 10.3325, -18.0818,  
7.2327

0.0000, NaN, NaN

■ 86.7865, -59.6032,  
24.7263

■ 86.7865, -59.6032,  
24.7263

■ 86.2843, -62.1135,  
27.6192

■ 87.5102, -56.1760,  
21.8414

■ 85.9574, -63.8791,  
30.4578

■ 88.4791, -51.7661,  
19.0159

■ 85.9573, -63.8796,  
30.4586

■ 89.7101, -46.3471,  
16.2940

■ 91.2138, -39.9288,  
13.7160

■ 92.9955, -32.5500,  
11.3163

■ 95.0562, -24.2716,  
9.1229

■ 97.3932, -15.1704,  
7.1570

■ 100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



86.7867, -43.6558, 41.4384



86.7865, -59.6032, 24.7263



86.7867, -62.1825, -6.3110

# Triad

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



86.7867, -59.6024, 24.7256



86.7867, 6.5489, -86.7273



86.7867, 54.7314, 36.5286

# Complementary

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



86.7865, -59.6032, 24.7263



50.2665, 77.2342, 6.9965

# 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.



86.7867, 73.4021, 14.4768



86.7865, -59.6032, 24.7263



86.7867, 42.7906, -62.0127

# Square

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



86.7867, -59.6024, 24.7256



86.7867, -27.5210, -80.3709



86.7867, 68.7127, -21.5761



86.7867, 20.8987, 46.1054



# Rectangle

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



86.7865, -59.6032, 24.7263



86.7867, -56.4678, -33.2485



86.7867, 68.7127, -21.5761



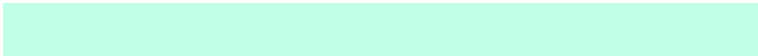
86.7867, 63.2171, 30.7830

# Sweetspot

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



86.7867, -59.6024, 24.7256



94.1979, -27.6888, 9.9747



87.5863, -59.5930, 50.8062



43.2441, -14.1640, 4.9792

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.7867, -59.6024, 24.7256



86.0750, -63.2307, 29.3384



81.9221, -36.5763, -18.6314



45.1151, -6.8020, 3.2692



62.1591, -46.0259, 21.6634



19.4512, -14.0212, 5.9555



# Inverse Universe

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



50.2665, 77.2342, 6.9965



47.4618, 82.2820, 13.5839



51.0466, 64.9369, 28.9527



42.5500, 2.3253, 1.6104



34.0834, 59.8594, 10.4703

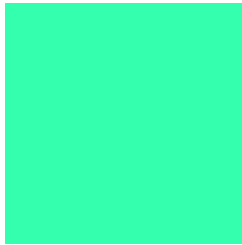


10.7323, 19.0333, 1.8655



# Previews

## White Background



This preview shows how the HunterLab color 86.7865, -59.6032, 24.7263 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

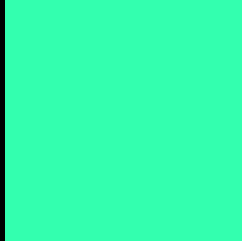
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.7865, -59.6032, 24.7263 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

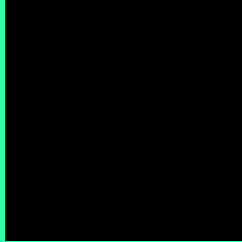
Any Text WCAG AA ✓ Pass

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 86.7865, -59.6032, 24.7263 Background



This preview shows how black text looks on a background with the HunterLab color 86.7865, -59.6032, 24.7263.



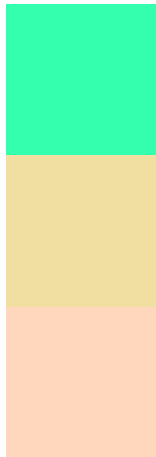
This preview shows how white text looks on a background with the HunterLab color 86.7865, -59.6032, 24.7263.

-59.6032, 24.7263.

# 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

86.7865, -59.6032, 24.7263

### Protanopia

85.9499, -7.6207, 29.5690

### Deuteranopia

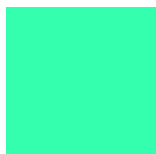
85.7273, 5.3446, 20.0136



## Tritanopia

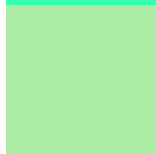
86.2798, -27.7606, -12.3337

# Trichromacy



## Original Color

86.7865, -59.6032, 24.7263



## Protanomaly

84.1592, -34.0484, 25.8467



## Deuteranomaly

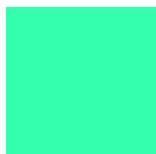
83.5681, -26.8425, 19.2398



## Tritanomaly

85.9777, -41.5824, 2.6335

# Monochromacy



## Original Color

86.7865, -59.6032, 24.7263



## Achromatopsia

69.6527, -3.7165, 3.7844



## Achromatomaly

73.9349, -29.0955, 9.9921

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.7865, -59.6032, 24.7263 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(51, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 175)  
}
```

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(51, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 175) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.7865, -59.6032, 24.7263 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(51, 255, 175) }
```



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

```
.border{ border-color:rgb(51, 255, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
175) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.7865, -59.6032, 24.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 175) }
```

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

```
.background{ background-color: rgb(51, 255,  
175) }
```

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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