

# Converting Colors

HunterLab(85.9590, -51.1870,  
5.2694)

Have a look what the booklet for  
HunterLab(85.9590, -51.1870,  
5.2694) contains.

<b>HunterLab(85.9527, -51.2254, 5.3605)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(85.9527,  
-51.2254, 5.3605)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22FADC
RGB	34, 250, 220
RGB Percent	13%, 98%, 86%
CMY	0.8666, 0.0196, 0.1372
CMYK	0.86, 0.00, 0.12, 0.02
HSL	172°, 96%, 56%
HSV	172°, 86%, 98%
XYZ	47.7636, 73.8787, 79.4528
YIQ	181.9960, -119.1060, -55.1220

# Conversions

## Conversions Part 2

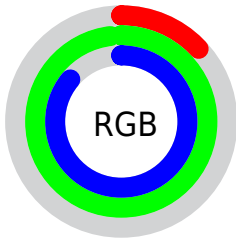
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 150, 250
Decimal	2292444
CIELab	88.87, -54.49, 0.74
CIELCh	89, 54.492, 179.217
Yxy	73.8815, 0.2375, 0.3674
Android (android.graphics.Color)	4280482524 (0xFF22FADC)
YUV	181.9960, 18.7360, -129.7925
Hunter-Lab	85.9527, -51.2254, 5.3605

# Details

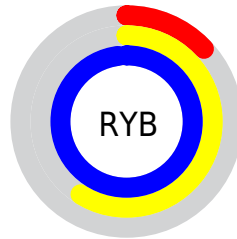
The HunterLab color **85.9527, -51.2254, 5.3605** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **46.7337, 74.5274, 23.9438**, and the grayscale version is **68.3566, -3.6473, 3.7139**.

A 20% lighter version of the original color is **91.1181, -37.7596, -6.0752**, and **63.5735, -39.2590, 5.2876** is the 20% darker color. If you saturate the color by 10%, you get **85.6838, -52.5282, 6.6759**, and if you desaturate by 10%, it is **86.4045, -49.2057, 4.2457**.

# Distribution



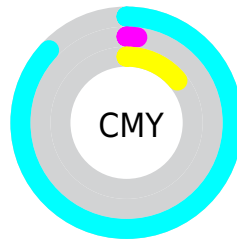
- Red (13%)
- Green (98%)
- Blue (86%)



- Red (13%)
- Yellow (59%)
- Blue (98%)



- Cyan (86%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)




- Cyan (87%)
- Magenta (2%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9527, -51.2254, 5.3605 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 85.9527, -51.2254, 5.3605 by changing the saturation by 10% instead.





 85.9527, -51.2254,  
5.3605


 85.9527, -51.2254,  
5.3605


217.7302,  
-78.9554, 12.7841

 73.9575, -47.7223,  
4.6748


 111.6816,  
-57.8820, 6.8247


 62.5773, -44.0684,  
4.0199


 125.3629,  
-61.0713, 7.5988

 51.8494, -40.2282,  
3.3982


 139.5612,  
-64.1864, 8.4001

 41.8161, -36.1522,  
2.8118

 154.2585,  
-67.2376, 9.2275

 32.5292, -31.7695,  
2.2627

169.4382,  
-70.2334, 10.0804

 24.0545, -26.9735,  
1.7535

185.0856,

 16.4788, -21.7422,

-73.1812, 10.9578

1.2874

201.1871,  
-76.0868, 11.8593

■ 9.9251, -17.3689,  
0.8683

0.0000, NaN, NaN

■ 85.9527, -51.2254,  
5.3605

■ 85.9527, -51.2254,  
5.3605

■ 85.6838, -52.5282,  
6.6759


■ 86.4045, -49.2057,  
4.2457


■ 85.6120, -52.8939,  
7.1752


■ 87.0647, -46.3621,  
3.3736


■ 87.9563, -42.6338,  
2.7791


■ 89.0944, -37.9940,  
2.4863

 90.4891, -32.4459,  
2.5106

 92.1456, -26.0171,  
2.8591

 94.0654, -18.7551,  
3.5313

 96.2466, -10.7224,  
4.5201

 98.2929, -3.3424,  
5.3290

# Harmonies

## Analogous

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



85.9543, -45.3709, 26.5989



85.9527, -51.2254, 5.3605



85.9543, -45.9489, -23.5904

# Triad

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



85.9543, -51.2258, 5.3615



85.9543, 22.6978, -51.6380



85.9543, 24.1011, 37.5844

# Complementary

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



85.9527, -51.2254, 5.3605



46.7337, 74.5274, 23.9438

# 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.



85.9543, 46.4538, 25.7423



85.9527, -51.2254, 5.3605



85.9543, 45.5748, -25.1626

# Square

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



85.9543, -51.2258, 5.3615



85.9543, -5.3104, -62.1250



85.9543, 54.7581, 3.9903



85.9543, -3.8690, 41.2459



# Rectangle

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



85.9527, -51.2254, 5.3605



85.9543, -36.3997, -42.6395



85.9543, 54.7581, 3.9903



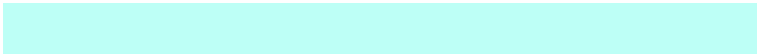
85.9543, 32.6436, 34.6580

# Sweetspot

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



85.9543, -51.2258, 5.3615



94.3088, -26.3527, 2.9435



83.4638, -67.4643, 49.1728



43.3441, -13.2978, 1.2852

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.9543, -51.2258, 5.3615



87.5585, -54.1039, 7.3543



61.3788, -11.0603, -49.7401



44.2320, -6.1544, 1.9352



62.3637, -38.4442, 5.0409



19.0083, -11.5240, 1.1182



# Inverse Universe

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



46.7337, 74.5274, 23.9438



46.2427, 79.4599, 27.8045



56.1331, 45.6569, 33.7881



41.5505, 1.7907, 2.8371



32.9485, 56.6545, 19.5135

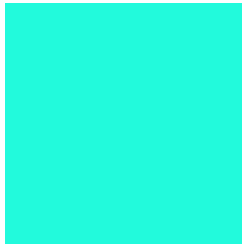


10.0851, 17.4557, 5.0848



# Previews

## White Background



This preview shows how the HunterLab color 85.9527, -51.2254, 5.3605 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

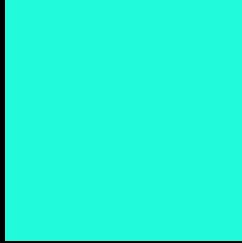
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.9527, -51.2254, 5.3605 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

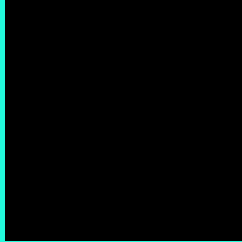
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

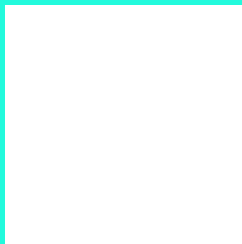
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.9527, -51.2254, 5.3605 Background



This preview shows how black text looks on a background with the HunterLab color 85.9527, -51.2254, 5.3605.



This preview shows how white text looks on a background with the HunterLab color 85.9527, -51.2254, 5.3605.

-51.2254, 5.3605.

# Color Blindness Simulation

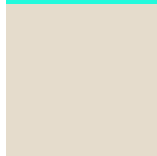
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



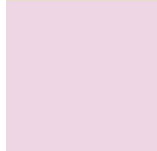
### Original Color

85.9527, -51.2254, 5.3605



### Protanopia

84.9730, -4.1654, 12.4268



### Deuteranopia

84.8795, 6.3386, 1.1428



## Tritanopia

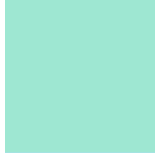
85.6230, -30.2316, -13.2803

# Trichromacy



## Original Color

85.9527, -51.2254, 5.3605



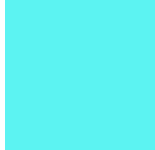
## Protanomaly

83.1108, -28.8019, 7.2112



## Deuteranomaly

82.6238, -22.8112, -0.6039



## Tritanomaly

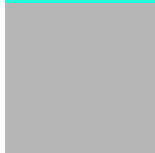
85.3155, -39.4781, -6.4990

# Monochromacy



## Original Color

85.9527, -51.2254, 5.3605



## Achromatopsia

68.3947, -3.6494, 3.7160



## Achromatomaly

72.9386, -26.8673, 2.0220

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9527, -51.2254, 5.3605 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(34, 250, 220)` looks like.

```
.text, #text, p{  
    color:rgb(34, 250, 220)  
}
```

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(34, 250, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 250, 220) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9527, -51.2254, 5.3605 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(34, 250, 220) }
```



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

```
.border{ border-color:rgb(34, 250, 220) }
```

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

Here you see how a box with a 4 pixel rgb(34, 250, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 250, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 250, 220);  
box-shadow:4px 4px 4px 4px rgb(34, 250,  
220) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9527, -51.2254, 5.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 250, 220) }
```

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

```
.background{ background-color: rgb(34, 250,  
220) }
```

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