

# Converting Colors

HunterLab(88.0277, -51.7136,  
4.0487)

Have a look what the booklet for  
HunterLab(88.0277, -51.7136,  
4.0487) contains.

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# Color

**HunterLab(88.0425,  
-51.6352, 3.9188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25FFE4
RGB	37, 255, 228
RGB Percent	15%, 100%, 89%
CMY	0.8548, 0.0000, 0.1059
CMYK	0.85, 0.00, 0.11, 0.00
HSL	173°, 100%, 57%
HSV	173°, 85%, 100%
XYZ	50.5266, 77.5148, 85.6977
YIQ	186.7400, -121.2610, -54.6130

# Conversions

## Conversions Part 2

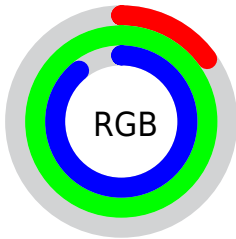
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	37, 153, 255
Decimal	2490340
CIE Lab	90.56, -54.26, -0.94
CIE LCh	91, 54.269, 180.989
Yxy	77.5153, 0.2364, 0.3627
Android (android.graphics.Color)	4280680420 (0xFF25FFE4)
YUV	186.7400, 20.3412, -131.3220
Hunter-Lab	88.0425, -51.6352, 3.9188

# Details

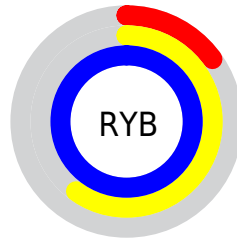
The HunterLab color **88.0425, -51.6352, 3.9188** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **47.9112, 75.7178, 24.8422**, and the grayscale version is **70.3406, -3.7532, 3.8217**.

A 20% lighter version of the original color is **91.2425, -37.2821, -5.9062**, and **65.5360, -39.7616, 3.9196** is the 20% darker color. If you saturate the color by 10%, you get **87.7624, -52.9585, 5.1033**, and if you desaturate by 10%, it is **88.5097, -49.5664, 2.9489**.

# Distribution



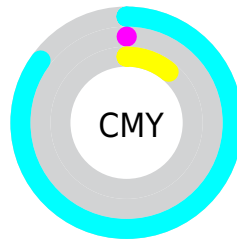
- Red (15%)
- Green (100%)
- Blue (89%)



- Red (15%)
- Yellow (60%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (85%)
- Magenta (0%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.0425, -51.6352, 3.9188 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 88.0425, -51.6352, 3.9188 by changing the saturation by 10% instead.





 88.0425, -51.6352,  
3.9188


 88.0425, -51.6352,  
3.9188


220.5718,  
-79.1747, 10.8217


 75.9446, -48.1659,  
3.3012


 113.9590,  
-58.2322, 5.2511

 64.4578, -44.5533,  
2.7198


 127.7291,  
-61.3973, 5.9641

 53.6168, -40.7623,  
2.1760


 142.0131,  
-64.4904, 6.7063

 43.4626, -36.7464,  
1.6727

 156.7931,  
-67.5218, 7.4767

 34.0453, -32.4394,  
1.2134

172.0530,  
-70.4995, 8.2743

 25.4278, -27.7425,  
0.8024

187.7781,

 17.6926, -22.5014,

-73.4304, 9.0982

0.4460

203.9552,  
-76.3205, 9.9476

■ 10.9550, -19.1712,  
0.1531

■ 2.4860, -4.3505,  
-1.4273

■ 88.0425, -51.6352,  
3.9188

■ 88.0425, -51.6352,  
3.9188

■ 87.7624, -52.9585,  
5.1033

■ 88.5097, -49.5664,  
2.9489

■ 87.6757, -53.3967,  
5.6813

■ 89.1934, -46.6517,  
2.2399

■ 90.1153, -42.8292,  
1.8239

■ 91.2907, -38.0734,  
1.7239

■ 92.7293, -32.3887,  
1.9534

■ 94.4364, -25.8045,  
2.5176

■ 96.4133, -18.3700,  
3.4138

■ 98.6578, -10.1493,  
4.6329

■ 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.



88.0428, -46.3866, 25.8869



88.0425, -51.6352, 3.9188



88.0428, -45.6498, -25.2848

# Triad

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



88.0428, -51.6339, 3.9182



88.0428, 24.2511, -50.2421



88.0428, 22.4749, 38.4413

# Complementary

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



88.0425, -51.6352, 3.9188



47.9112, 75.7178, 24.8422

# 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.



88.0428, 45.4399, 26.9813



88.0425, -51.6352, 3.9188



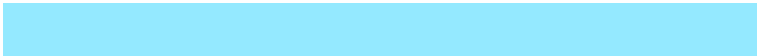
88.0428, 46.5509, -23.3005

# Square

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



88.0428, -51.6339, 3.9182



88.0428, -3.7863, -61.9050



88.0428, 54.7372, 5.6578



88.0428, -5.6149, 41.7430



# Rectangle

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



88.0425, -51.6352, 3.9188



88.0428, -35.6135, -44.0146



88.0428, 54.7372, 5.6578



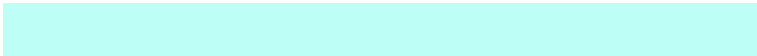
88.0428, 31.1661, 35.6336

# Sweetspot

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



88.0428, -51.6339, 3.9182



94.3413, -26.1671, 2.4801



85.3317, -69.1151, 50.1536



43.3611, -13.2000, 1.0423

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.0428, -51.6339, 3.9182



87.6757, -53.3967, 5.6813



61.8892, -9.7874, -52.6700



45.2111, -6.2671, 1.8989



63.3890, -38.5255, 3.9348



19.8060, -11.8628, 0.8526



# Inverse Universe

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



47.9112, 75.7178, 24.8422



46.2191, 79.3723, 28.1544



58.3986, 44.3025, 34.9817



42.4543, 1.8106, 2.9760



33.4267, 57.4377, 20.1002

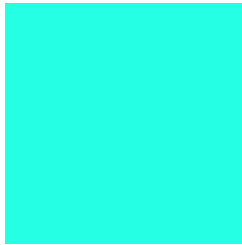


10.4830, 18.1175, 5.4944



# Previews

## White Background



This preview shows how the HunterLab color 88.0425, -51.6352, 3.9188 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

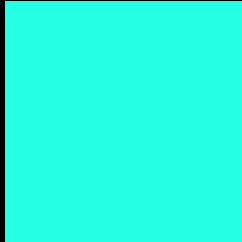
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.0425, -51.6352, 3.9188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

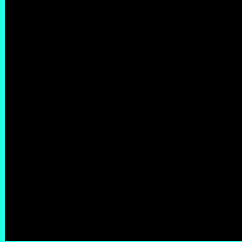
Any Text WCAG AA ✓ Pass

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 88.0425, -51.6352, 3.9188 Background



This preview shows how black text looks on a background with the HunterLab color 88.0425, -51.6352, 3.9188.



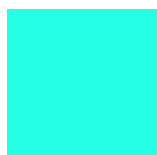
This preview shows how white text looks on a background with the HunterLab color 88.0425, -51.6352, 3.9188.

-51.6352, 3.9188.

# Color Blindness Simulation

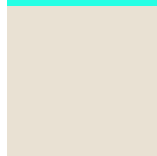
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



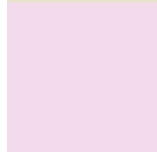
### Original Color

88.0425, -51.6352, 3.9188



### Protanopia

87.1075, -4.3075, 11.6525



### Deuteranopia

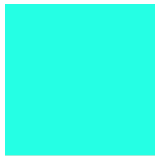
87.0482, 6.4509, -0.2997



## Tritanopia

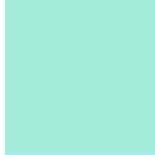
87.5298, -26.5709, -10.6141

# Trichromacy



## Original Color

88.0425, -51.6352, 3.9188



## Protanomaly

85.2538, -28.9707, 6.3723



## Deuteranomaly

84.8064, -22.7275, -2.0364



## Tritanomaly

87.0375, -37.9939, -5.8793

# Monochromacy



## Original Color

88.0425, -51.6352, 3.9188



## Achromatopsia

70.4935, -3.7614, 3.8300



## Achromatomaly

75.0045, -27.2109, 1.5710

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.0425, -51.6352, 3.9188 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(37, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(37, 255, 228)  
}
```

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(37, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 255, 228) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.0425, -51.6352, 3.9188 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(37, 255, 228) }
```



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

```
.border{ border-color:rgb(37, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(37, 255,  
228) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.0425, -51.6352, 3.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 255, 228) }
```

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

```
.background{ background-color: rgb(37, 255,  
228) }
```

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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