

# Converting Colors

HunterLab(88.0625, -52.4079,  
10.5551)

Have a look what the booklet for  
HunterLab(88.0625, -52.4079,  
10.5551) contains.

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# Color

**HunterLab(88.0729,  
-52.3607, 10.5261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43FFD6
RGB	67, 255, 214
RGB Percent	26%, 100%, 84%
CMY	0.7372, 0.0000, 0.1608
CMYK	0.74, 0.00, 0.16, 0.00
HSL	167°, 100%, 63%
HSV	167°, 74%, 100%
XYZ	50.2123, 77.5684, 75.9440
YIQ	194.1140, -98.8870, -52.6070

# Conversions

## Conversions Part 2

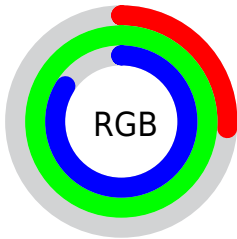
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">67, 173, 255</a>
Decimal	<a href="#">4456406</a>
CIELab	<a href="#">90.58, -55.21, 6.39</a>
CIELCh	<a href="#">91, 55.577, 173.393</a>
Yxy	<a href="#">77.5688, 0.2465, 0.3807</a>
Android (android.graphics.Color)	<a href="#">4282646486</a> ( <a href="#">0xFF43FFD6</a> )
YUV	<a href="#">194.1140, 9.8038, -111.4790</a>
Hunter-Lab	<a href="#">88.0729, -52.3607, 10.5261</a>

# Details

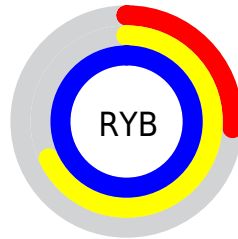
The HunterLab color **88.0729, -52.3607, 10.5261** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **51.3403, 69.9304, 16.4734**, and the grayscale version is **73.4887, -3.9212, 3.9928**.

A 20% lighter version of the original color is **91.8234, -35.0630, -5.1205**, and **65.1427, -42.1416, 9.5489** is the 20% darker color. If you saturate the color by 10%, you get **87.5087, -54.9559, 12.3360**, and if you desaturate by 10%, it is **88.8627, -48.8767, 8.9264**.

# Distribution



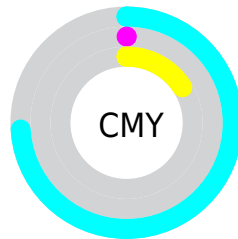
- Red (26%)
- Green (100%)
- Blue (84%)



- Red (26%)
- Yellow (68%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (74%)
- Magenta (0%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.0729, -52.3607, 10.5261 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 88.0729, -52.3607, 10.5261 by changing the saturation by 10% instead.





 88.0729, -52.3607,  
10.5261


 88.0729, -52.3607,  
10.5261


220.6130,  
-80.2802, 19.9185


 75.9735, -48.8384,  
9.5715


 113.9921,  
-59.0555, 12.4857


 64.4852, -45.1691,  
8.6340


 127.7635,  
-62.2659, 13.4929

 53.6426, -41.3171,  
7.7115


 142.0487,  
-65.4024, 14.5182

 43.4866, -37.2351,  
6.8020

 156.8299,  
-68.4753, 15.5619

 34.0674, -32.8555,  
5.9018

172.0910,  
-71.4929, 16.6239

 25.4478, -28.0780,  
5.0051

187.8172,

 17.7104, -22.7481,

-74.4625, 17.7040

4.1008

203.9953,  
-77.3899, 18.8023

■ 10.9702, -19.1978,  
3.2009

■ 2.5400, -4.4449,  
1.7780

■ 88.0729, -52.3607,  
10.5261

■ 88.0729, -52.3607,  
10.5261

■ 87.5087, -54.9559,  
12.3360

■ 88.8627, -48.8767,  
8.9264

■ 87.1414, -56.7576,  
14.3118

■ 89.8973, -44.4587,  
7.5762

■ 86.9837, -57.5905,  
15.5994

■ 91.1904, -39.0920,  
6.5037

■ 92.7505, -32.7926,  
5.7299

■ 94.5812, -25.6005,  
5.2674

■ 96.6826, -17.5743,  
5.1216

■ 99.0513, -8.7857,  
5.2910

■ 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.



88.0731, -44.1462, 30.3423



88.0729, -52.3607, 10.5261



88.0731, -49.1547, -18.2460

# Triad

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



88.0731, -52.3596, 10.5255



88.0731, 17.8780, -56.9118



88.0731, 30.0235, 36.9653

# Complementary

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



88.0729, -52.3607, 10.5261



51.3403, 69.9304, 16.4734

# 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.



88.0731, 50.7993, 22.9151



88.0729, -52.3607, 10.5261



88.0731, 43.1933, -31.8504

# Square

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



88.0731, -52.3596, 10.5255



88.0731, -10.8572, -63.3882



88.0731, 55.8988, -1.3504



88.0731, 1.6228, 42.1852



# Rectangle

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



88.0729, -52.3607, 10.5261



88.0731, -40.7481, -38.5202



88.0731, 55.8988, -1.3504



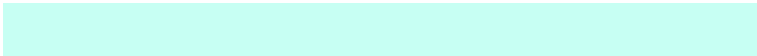
88.0731, 38.2683, 33.3810

# Sweetspot

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



88.0731, -52.3596, 10.5255



94.9238, -24.2760, 5.2197



86.7737, -62.7557, 48.7416



43.6682, -12.1910, 2.4516

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.0731, -52.3596, 10.5255



87.3295, -55.8167, 13.1641



72.1205, -21.8505, -33.7189



45.1770, -6.4568, 2.3849



62.8951, -41.5175, 11.0109



19.6663, -12.7074, 2.8504



# Inverse Universe

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



51.3403, 69.9304, 16.4734



47.7405, 77.7923, 21.4646



58.6691, 45.2885, 31.5766



42.4875, 1.9895, 2.5014



33.5766, 57.9927, 17.8851

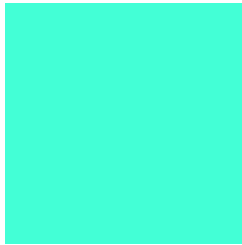


10.5502, 18.3656, 4.5070



# Previews

## White Background



This preview shows how the HunterLab color 88.0729, -52.3607, 10.5261 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

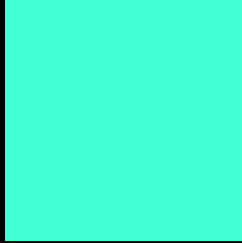
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.0729, -52.3607, 10.5261 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

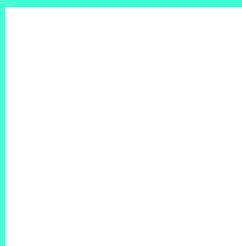
Any Text WCAG AAA ✓ Pass

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

## HunterLab 88.0729, -52.3607, 10.5261 Background



This preview shows how black text looks on a background with the HunterLab color 88.0729, -52.3607, 10.5261.



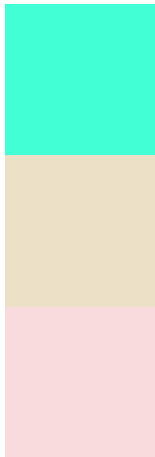
This preview shows how white text looks on a background with the HunterLab color 88.0729,

-52.3607, 10.5261.

# 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

88.0729, -52.3607, 10.5261

### Protanopia

87.0405, -5.2596, 17.1493

### Deuteranopia

87.2220, 6.1359, 6.8768



## Tritanopia

87.6943, -25.9581, -10.3818

# Trichromacy



## Original Color

88.0729, -52.3607, 10.5261



## Protanomaly

85.7114, -28.0112, 12.8078



## Deuteranomaly

85.3786, -21.5225, 5.6934



## Tritanomaly

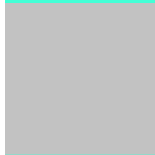
87.3730, -37.0462, -2.7510

# Monochromacy



## Original Color

88.0729, -52.3607, 10.5261



## Achromatopsia

73.4493, -3.9191, 3.9906



## Achromatomaly

77.2170, -25.7620, 4.7004

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.0729, -52.3607, 10.5261 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(67, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(67, 255, 214)  
}
```

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(67, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 255, 214) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.0729, -52.3607, 10.5261 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(67, 255, 214) }
```



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

```
.border{ border-color:rgb(67, 255, 214) }
```

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

Here you see how a box with a 4 pixel rgb(67, 255, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(67, 255,  
214) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.0729, -52.3607, 10.5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 255, 214) }
```

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

```
.background{ background-color: rgb(67, 255,  
214) }
```

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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