

# Converting Colors

HunterLab(76.1677, -42.1651,  
9.4608)

Have a look what the booklet for  
HunterLab(76.1677, -42.1651,  
9.4608) contains.

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# Color

**HunterLab(76.2904,  
-42.4345, 9.7296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53DFBB
RGB	83, 223, 187
RGB Percent	33%, 87%, 73%
CMY	0.6745, 0.1255, 0.2667
CMYK	0.63, 0.00, 0.16, 0.13
HSL	165°, 69%, 60%
HSV	165°, 63%, 87%
XYZ	38.9246, 58.2023, 56.1964
YIQ	177.0360, -71.8840, -40.8760

# Conversions

## Conversions Part 2

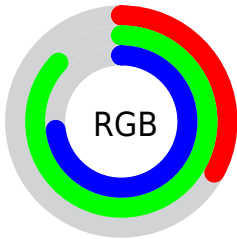
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 163, 223
Decimal	5496763
CIE <sub>Lab</sub>	80.85, -46.16, 6.56
CIE <sub>LCh</sub>	81, 46.619, 171.914
Yxy	58.2045, 0.2539, 0.3796
Android (android.graphics.Color)	4283686843 (0xFF53DFBB)
YUV	177.0360, 4.9123, -82.4696
Hunter-Lab	76.2904, -42.4345, 9.7296

# Details

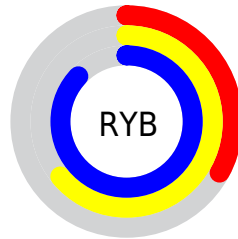
The HunterLab color **76.2904, -42.4345, 9.7296** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **48.1747, 52.2573, 9.1174**, and the grayscale version is **66.3250, -3.5389, 3.6036**.

A 20% lighter version of the original color is **91.7072, -36.3225, 1.0531**, and **54.1836, -35.1218, 8.0930** is the 20% darker color. If you saturate the color by 10%, you get **75.5694, -45.6460, 11.3549**, and if you desaturate by 10%, it is **77.2254, -38.4196, 8.2968**.

# Distribution



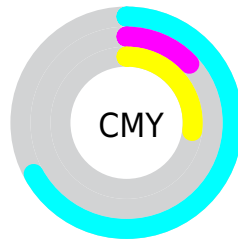
- Red (33%)
- Green (87%)
- Blue (73%)



- Red (33%)
- Yellow (64%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)




- Cyan (67%)
- Magenta (13%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.2904, -42.4345, 9.7296 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 76.2904, -42.4345, 9.7296 by changing the saturation by 10% instead.





 76.2904, -42.4345,  
9.7296


 76.2904, -42.4345,  
9.7296


204.4377,  
-67.1986, 19.0248


 64.7867, -39.3091,  
8.7842


 101.1042,  
-48.3675, 11.6718


 53.9261, -36.0424,  
7.8526


 114.3565,  
-51.2103, 12.6683

 43.7510, -32.5970,  
6.9333


 128.1420,  
-53.9883, 13.6827

 34.3112, -28.9189,  
6.0226

 142.4408,  
-56.7116, 14.7150

 25.6691, -24.9265,  
5.1143

157.2352,  
-59.3881, 15.7654

 17.9065, -20.4892,  
4.1973

172.5089,

 11.1375, -19.2474,

-62.0246, 16.8339

3.2731

188.2476,  
-64.6265, 17.9204

■ 3.0719, -5.3757,  
2.1503

0.0000, NaN, NaN

■ 76.2904, -42.4345,  
9.7296

■ 76.2904, -42.4345,  
9.7296

■ 75.5694, -45.6460,  
11.3549

■ 77.2254, -38.4196,  
8.2968

■ 75.0422, -48.0866,  
13.1378


■ 78.3805, -33.5939,  
7.0801


■ 74.6881, -49.8268,  
15.0400


■ 79.7634, -27.9769,  
6.1000


■ 74.5104, -50.7618,  
16.4486


■ 81.3767, -21.6067,  
5.3698

 83.2196, -14.5364,  
4.8966

 85.2889, -6.8290,  
4.6816

 87.5791, 1.4469,  
4.7212

 89.3945, 7.9327,  
4.1533

 89.5805, 8.9242,  
1.5040

# Harmonies

## Analogous

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



76.2919, -35.2931, 25.4675



76.2904, -42.4345, 9.7296



76.2919, -40.2809, -12.9018

# Triad

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



76.2919, -42.4351, 9.7305



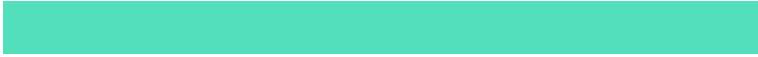
76.2919, 12.7924, -44.8850



76.2919, 24.5586, 30.0083

# Complementary

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



76.2904, -42.4345, 9.7296



48.1747, 52.2573, 9.1174

# 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.



76.2919, 40.4672, 17.9993



76.2904, -42.4345, 9.7296



76.2919, 33.1432, -25.9259

# Square

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



76.2919, -42.4351, 9.7305



76.2919, -10.0793, -49.0156



76.2919, 43.7787, -1.8807



76.2919, 2.1213, 34.7445



# Rectangle

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



76.2904, -42.4345, 9.7296



76.2919, -33.7364, -28.8611



76.2919, 43.7787, -1.8807



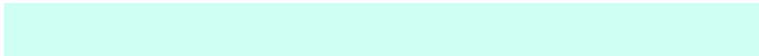
76.2919, 30.9499, 26.8887

# Sweetspot

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



76.2919, -42.4351, 9.7305



95.4798, -22.2500, 6.0159



75.7755, -48.4095, 39.4410



43.8973, -11.3620, 2.8679

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.2919, -42.4351, 9.7305



87.7776, -54.0144, 13.7790



66.4383, -21.2270, -21.7358



39.3815, -5.6510, 2.2518



57.1504, -38.8204, 12.3690



15.0938, -9.9316, 2.5735



# Inverse Universe

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



48.1747, 52.2573, 9.1174



51.0778, 71.4951, 14.6143



53.5989, 33.4249, 24.5588



37.0919, 1.7461, 2.0091



30.6849, 53.1725, 14.9935

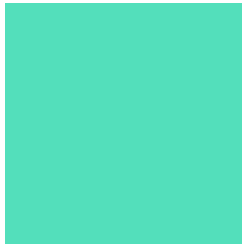


8.1674, 14.3258, 2.6502



# Previews

## White Background



This preview shows how the HunterLab color 76.2904, -42.4345, 9.7296 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

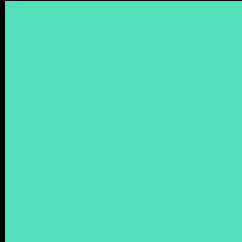
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.2904, -42.4345, 9.7296 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

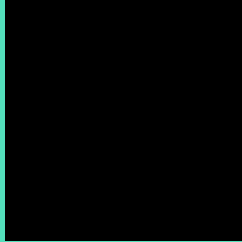
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

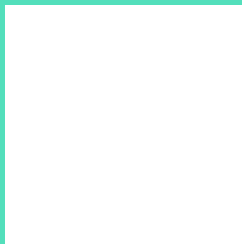
Any Text WCAG AAA ✓ Pass

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

## HunterLab 76.2904, -42.4345, 9.7296 Background



This preview shows how black text looks on a background with the HunterLab color 76.2904, -42.4345, 9.7296.



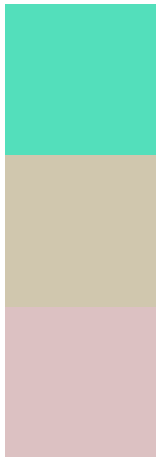
This preview shows how white text looks on a background with the HunterLab color 76.2904,

-42.4345, 9.7296.

# 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

76.2904, -42.4345, 9.7296

### Protanopia

75.7052, -4.9824, 15.2004

### Deuteranopia

75.6641, 5.1776, 6.7207



## Tritanopia

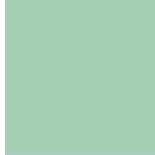
76.0770, -27.8168, -14.2742

# Trichromacy



## Original Color

76.2904, -42.4345, 9.7296



## Protanomaly

74.9353, -22.0462, 12.0452



## Deuteranomaly

74.4939, -16.3679, 6.3859



## Tritanomaly

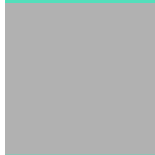
76.2271, -33.6996, -4.6789

# Monochromacy



## Original Color

76.2904, -42.4345, 9.7296



## Achromatopsia

66.3066, -3.5380, 3.6026



## Achromatomaly

69.1082, -20.3093, 4.7233

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.2904, -42.4345, 9.7296 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(83, 223, 187)` looks like.

```
.text, #text, p{  
    color:rgb(83, 223, 187)  
}
```

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(83, 223, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 223, 187) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.2904, -42.4345, 9.7296 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(83, 223, 187) }
```



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

```
.border{ border-color:rgb(83, 223, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 223, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(83, 223, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(83, 223, 187); box-shadow:4px 4px 4px 4px rgb(83, 223, 187) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.2904, -42.4345, 9.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 223, 187) }
```

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

```
.background{ background-color: rgb(83, 223,  
187) }
```

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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