

# Converting Colors

HunterLab(83.9599, -46.6486,  
5.9937)

Have a look what the booklet for  
HunterLab(83.9599, -46.6486,  
5.9937) contains.

<b>HunterLab(83.9599, -46.6486, 5.9937)</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(83.9599,  
-46.6486, 5.9937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CF3D6
RGB	76, 243, 214
RGB Percent	30%, 95%, 84%
CMY	0.7019, 0.0470, 0.1608
CMYK	0.69, 0.00, 0.12, 0.05
HSL	170°, 87%, 63%
HSV	170°, 69%, 95%
XYZ	47.1686, 70.4926, 74.7387
YIQ	189.7610, -90.2230, -44.4230

# Conversions

## Conversions Part 2

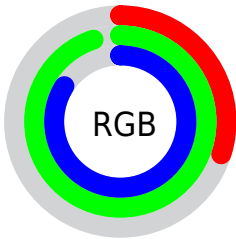
Format	Color
<a href="#">RYB</a>	<a href="#">76, 167, 243</a>
Decimal	<a href="#">5043158</a>
CIELab	<a href="#">87.24, -49.13, 1.57</a>
CIELCh	<a href="#">87, 49.156, 178.166</a>
Yxy	<a href="#">70.4954, 0.2452, 0.3664</a>
Android (android.graphics.Color)	<a href="#">4283233238 (0xFF4CF3D6)</a>
YUV	<a href="#">189.7610, 11.9498, -99.7684</a>
Hunter-Lab	<a href="#">83.9599, -46.6486, 5.9937</a>

# Details

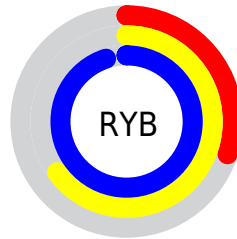
The HunterLab color **83.9599, -46.6486, 5.9937** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **50.2448, 61.6316, 16.2660**, and the grayscale version is **71.6374, -3.8224, 3.8922**.

A 20% lighter version of the original color is **92.0159, -34.3311, -4.8613**, and **61.3360, -38.0259, 5.4225** is the 20% darker color. If you saturate the color by 10%, you get **83.3475, -49.3591, 7.2221**, and if you desaturate by 10%, it is **84.7962, -43.0876, 5.0120**.

# Distribution



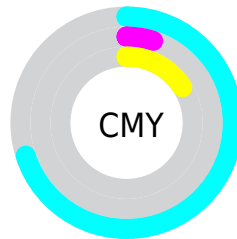
- Red (30%)
- Green (95%)
- Blue (84%)



- Red (30%)
- Yellow (65%)
- Blue (95%)



- Cyan (69%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)




- Cyan (70%)
- Magenta (5%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.9599, -46.6486, 5.9937 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 83.9599, -46.6486, 5.9937 by changing the saturation by 10% instead.





 83.9599, -46.6486,  
5.9937


 83.9599, -46.6486,  
5.9937


215.0087,  
-72.3022, 13.6604


 72.0628, -43.4297,  
5.2750


 109.5057,  
-52.7781, 7.5192


 60.7862, -40.0763,  
4.5851


 123.1009,  
-55.7211, 8.3222

 50.1682, -36.5555,  
3.9262


 137.2164,  
-58.5996, 9.1511

 40.2525, -32.8214,  
3.2997

 151.8337,  
-61.4230, 10.0052

 31.0929, -28.8065,  
2.7069

166.9360,  
-64.1990, 10.8838

 22.7578, -24.4082,  
2.1493

182.5082,

 15.3387, -19.6907,

-66.9341, 11.7862

1.6282

198.5367,  
-69.6336, 12.7119

■ 8.9523, -15.6665,  
1.2157

0.0000, NaN, NaN

■ 83.9599, -46.6486,  
5.9937

■ 83.9599, -46.6486,  
5.9937

■ 83.3475, -49.3591,  
7.2221

■ 84.7962, -43.0876,  
5.0120

■ 82.9319, -51.2834,  
8.6577


■ 85.8671, -38.6440,  
4.3020


■ 82.6780, -52.5557,  
10.2479


■ 87.1848, -33.3176,  
3.8842


■ 82.6506, -52.6981,  
10.4541


■ 88.7550, -27.1325,  
3.7703

 90.5797, -20.1328,  
3.9645

 92.6575, -12.3778,  
4.4644

 94.9843, -3.9367,  
5.2619

 95.9823, -0.2257,  
4.4010

 96.1201, 0.5213,  
2.4387

# Harmonies

## Analogous

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



83.9615, -40.9440, 24.9737



83.9599, -46.6486, 5.9937



83.9615, -42.1796, -19.5100

# Triad

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



83.9615, -46.6491, 5.9947



83.9615, 18.9804, -45.4386



83.9615, 21.8939, 34.4706

# Complementary

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



83.9599, -46.6486, 5.9937



50.2448, 61.6316, 16.2660

# 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.



83.9615, 41.3162, 23.1242



83.9599, -46.6486, 5.9937



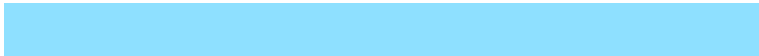
83.9615, 39.5028, -22.7336

# Square

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



83.9615, -46.6491, 5.9947



83.9615, -5.9898, -53.8413



83.9615, 48.0987, 3.1204



83.9615, -2.9684, 38.2046



# Rectangle

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



83.9599, -46.6486, 5.9937



83.9615, -33.7071, -36.2452



83.9615, 48.0987, 3.1204



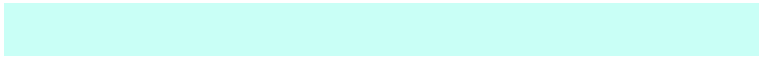
83.9615, 29.3777, 31.6166

# Sweetspot

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



83.9615, -46.6491, 5.9947



95.2026, -23.0640, 4.1107



82.2969, -58.6168, 44.7578



43.7938, -11.6313, 1.8702

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.9615, -46.6491, 5.9947



87.8615, -52.9350, 8.1349



66.9983, -17.0737, -34.0557



43.2499, -6.0785, 2.0647



61.2439, -38.9514, 7.5352



18.1915, -11.3357, 1.7328



# Inverse Universe

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



50.2448, 61.6316, 16.2660



48.8044, 74.5853, 21.6290



59.3707, 34.7145, 30.3621



40.6565, 1.8054, 2.6072



32.5023, 55.9875, 18.4723

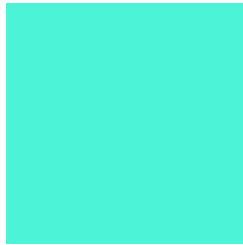


9.7029, 16.8466, 4.4865



# Previews

## White Background



This preview shows how the HunterLab color 83.9599, -46.6486, 5.9937 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

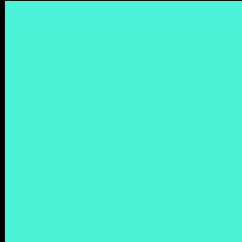
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.9599, -46.6486, 5.9937 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

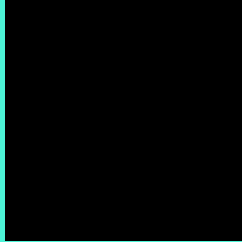
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

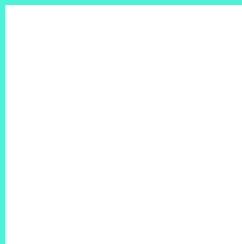
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.9599, -46.6486, 5.9937 Background



This preview shows how black text looks on a background with the HunterLab color 83.9599, -46.6486, 5.9937.



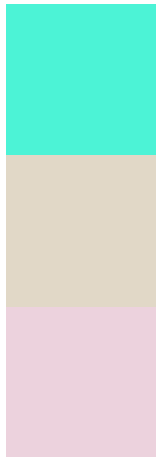
This preview shows how white text looks on a background with the HunterLab color 83.9599, -46.6486, 5.9937.

-46.6486, 5.9937.

# 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

83.9599, -46.6486, 5.9937

### Protanopia

83.2123, -4.2239, 12.7018

### Deuteranopia

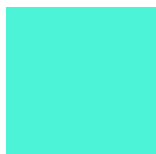
83.1544, 6.2233, 2.5736



## Tritanopia

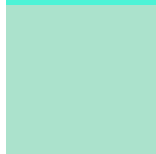
83.7224, -32.1536, -15.9722

# Trichromacy



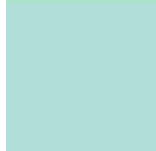
## Original Color

83.9599, -46.6486, 5.9937



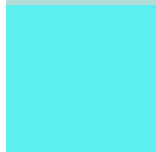
## Protanomaly

82.1038, -24.3464, 8.9125



## Deuteranomaly

81.7126, -18.1837, 1.9043



## Tritanomaly

83.8758, -38.0153, -7.2554

# Monochromacy



## Original Color

83.9599, -46.6486, 5.9937



## Achromatopsia

71.7578, -3.8288, 3.8987



## Achromatomaly

74.9093, -22.6613, 2.9955

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.9599, -46.6486, 5.9937 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(76, 243, 214)` looks like.

```
.text, #text, p{  
    color:rgb(76, 243, 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(76, 243, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 243, 214) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.9599, -46.6486, 5.9937 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(76, 243, 214) }
```



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

```
.border{ border-color:rgb(76, 243, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 243, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 243, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 243, 214);  
box-shadow:4px 4px 4px 4px rgb(76, 243,  
214) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.9599, -46.6486, 5.9937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 243, 214) }
```

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

```
.background{ background-color: rgb(76, 243,  
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](#).

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