

# Converting Colors

HunterLab(88.5924, -46.7829,  
14.8870)

Have a look what the booklet for  
HunterLab(88.5924, -46.7829,  
14.8870) contains.

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# Color

**HunterLab(88.6728,  
-46.7289, 14.7783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77FDCE
RGB	119, 253, 206
RGB Percent	47%, 99%, 81%
CMY	0.5333, 0.0078, 0.1921
CMYK	0.53, 0.00, 0.19, 0.01
HSL	159°, 97%, 73%
HSV	159°, 53%, 99%
XYZ	53.8736, 78.6287, 70.7298
YIQ	207.5760, -64.7770, -43.0250

# Conversions

## Conversions Part 2

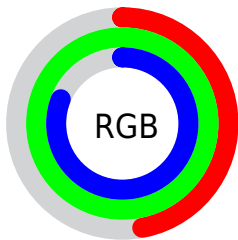
Format	Color
<a href="#">RYB</a>	<a href="#">119, 200, 253</a>
Decimal	<a href="#">7863758</a>
CIELab	<a href="#">91.07, -47.70, 11.39</a>
CIELCh	<a href="#">91, 49.040, 166.575</a>
Yxy	<a href="#">78.6318, 0.2651, 0.3869</a>
Android (android.graphics.Color)	<a href="#">4286053838</a> ( <a href="#">0xFF77FDCE</a> )
YUV	<a href="#">207.5760, -0.7770, -77.6812</a>
Hunter-Lab	<a href="#">88.6728, -46.7289, 14.7783</a>

# Details

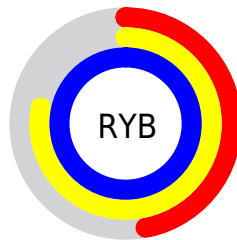
The HunterLab color  $88.6728, -46.7289, 14.7783$  is a light color, and the websafe version is hex  $66FFCC$ . A complement of this color would be  $60.6889, 52.5924, 3.0692$ , and the grayscale version is  $79.2631, -4.2293, 4.3065$ .

A 20% lighter version of the original color is  $93.9807, -26.9542, -2.2470$ , and  $65.1949, -40.5071, 12.4484$  is the 20% darker color. If you saturate the color by 10%, you get  $87.5525, -51.6754, 17.2212$ , and if you desaturate by 10%, it is  $90.0611, -40.8056, 12.5115$ .

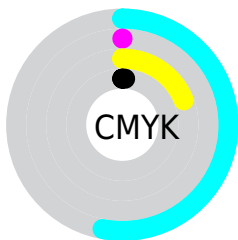
# Distribution



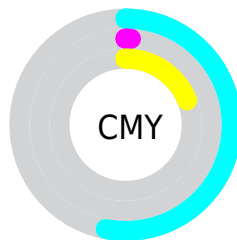
- Red (47%)
- Green (99%)
- Blue (81%)



- Red (47%)
- Yellow (78%)
- Blue (99%)



- Cyan (53%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)




- Cyan (53%)
- Magenta (1%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.6728, -46.7289, 14.7783 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 88.6728, -46.7289, 14.7783 by changing the saturation by 10% instead.





 88.6728, -46.7289,  
14.7783


 88.6728, -46.7289,  
14.7783


221.4294,  
-71.6274, 25.9473


 76.5461, -43.6342,  
13.5816


 114.6474,  
-52.6457, 17.1906

 65.0274, -40.4200,  
12.3854


 128.4442,  
-55.4951, 18.4082

 54.1526, -37.0589,  
11.1863


 142.7538,  
-58.2868, 19.6357

 43.9623, -33.5118,  
9.9780

157.5586,  
-61.0292, 20.8739

 34.5061, -29.7228,  
8.7511

172.8426,  
-63.7291, 22.1237

 25.8460, -25.6079,  
7.4906

188.5910,

 18.0635, -21.0338,

-66.3923, 23.3856

6.1713

204.7907,  
-69.0237, 24.6600

■ 11.2715, -19.7234,  
5.0598

■ 3.4376, -6.0158,  
2.4063

■ 88.6728, -46.7289,  
14.7783

■ 88.6728, -46.7289,  
14.7783

■ 87.5525, -51.6754,  
17.2212

■ 90.0611, -40.8056,  
12.5115

■ 86.6825, -55.6449,  
19.7991

■ 91.7189, -33.9304,  
10.4502

■ 86.0460, -58.6767,  
22.4689

■ 93.6507, -26.1554,  
8.6207

■ 85.6162, -60.8540,  
25.1812

■ 95.8550, -17.5495,  
7.0415

■ 85.4067, -61.9931,  
27.0745

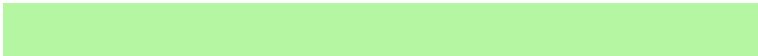
■ 98.3273, -8.1929,  
5.7241

■ 99.3646, -4.2767,  
4.7015

# Harmonies

## Analogous

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



88.6746, -36.9490, 30.8097



88.6728, -46.7289, 14.7783



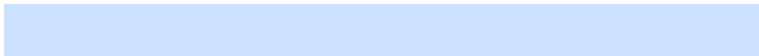
88.6746, -46.1803, -9.1992

# Triad

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



88.6746, -46.7298, 14.7793



88.6746, 9.3641, -50.9786



88.6746, 30.6982, 31.9796

# Complementary

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



88.6728, -46.7289, 14.7783



60.6889, 52.5924, 3.0692

# 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.



88.6746, 46.0710, 16.8801



88.6728, -46.7289, 14.7783



88.6746, 32.8529, -32.6100

# Square

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



88.6746, -46.7298, 14.7793



88.6746, -15.5987, -52.0034



88.6746, 46.9006, -6.4323



88.6746, 6.6757, 38.7238



# Rectangle

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



88.6728, -46.7289, 14.7783



88.6746, -40.0582, -26.8890



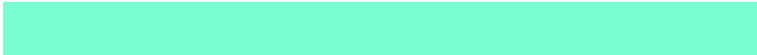
88.6746, 46.9006, -6.4323



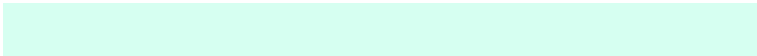
88.6746, 37.1594, 27.9358

# Sweetspot

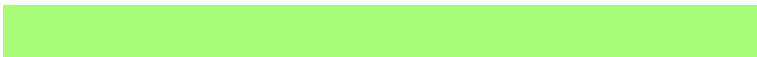
The Sweet Spot groups the original color and five complimentary colors.



88.6746, -46.7298, 14.7793



96.0097, -20.4333, 7.5620



89.4009, -47.3672, 42.6838



44.2041, -10.2880, 3.6481

0.0000, NaN, NaN

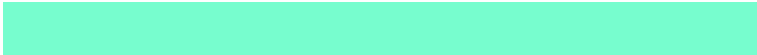


46.2646, -2.4686, 2.5136



# Same Dimension

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



88.6746, -46.7298, 14.7793



88.2332, -52.6113, 17.6464



83.9701, -29.8476, -14.3984



45.1297, -6.7206, 3.0605



62.3139, -45.0728, 19.4124



19.4974, -13.7377, 5.2857



# Inverse Universe

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



60.6889, 52.5924, 3.0692



55.7235, 64.1818, 5.1867



63.3009, 38.0189, 23.3232



42.5350, 2.2448, 1.8240



33.9338, 59.3099, 12.6472

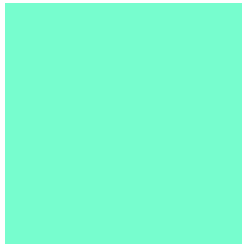


10.6816, 18.8479, 2.5965



# Previews

## White Background



This preview shows how the HunterLab color 88.6728, -46.7289, 14.7783 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

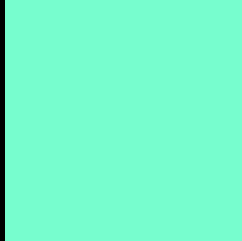
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.6728, -46.7289, 14.7783 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

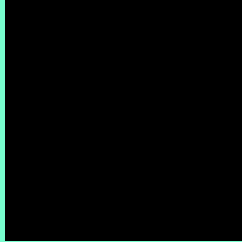
Any Text WCAG AA ✓ Pass

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 88.6728, -46.7289, 14.7783 Background



This preview shows how black text looks on a background with the HunterLab color 88.6728, -46.7289, 14.7783.



This preview shows how white text looks on a background with the HunterLab color 88.6728,

-46.7289, 14.7783.

# 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

88.6728, -46.7289, 14.7783

### Protanopia

87.9282, -5.6189, 20.0627

### Deuteranopia

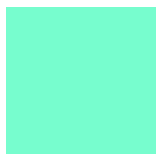
87.8923, 6.3113, 11.8042



## Tritanopia

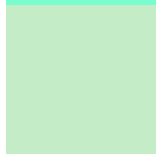
88.3036, -21.9811, -9.4954

# Trichromacy



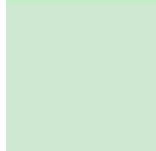
## Original Color

88.6728, -46.7289, 14.7783



## Protanomaly

87.0654, -23.2985, 16.8592



## Deuteranomaly

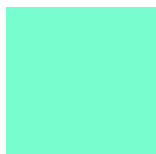
86.8839, -16.5692, 11.6393



## Tritanomaly

88.3168, -31.8696, 0.0747

# Monochromacy



## Original Color

88.6728, -46.7289, 14.7783



## Achromatopsia

79.4202, -4.2377, 4.3151



## Achromatomaly

81.8819, -21.6016, 7.3328

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.6728, -46.7289, 14.7783 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(119, 253, 206)` looks like.

```
.text, #text, p{  
    color:rgb(119, 253, 206)  
}
```

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(119, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 253, 206) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.6728, -46.7289, 14.7783 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(119, 253, 206) }
```



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

```
.border{ border-color:rgb(119, 253, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 253, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 253, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 253, 206); box-shadow:4px 4px 4px 4px rgb(119, 253, 206) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.6728, -46.7289, 14.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 253, 206) }
```

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

```
.background{ background-color: rgb(119,  
253, 206) }
```

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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