

# Converting Colors

HunterLab(97.4925, -15.5985,  
13.3502)

Have a look what the booklet for  
HunterLab(97.4925, -15.5985,  
13.3502) contains.

<b>HunterLab(97.4722, -15.6740, 13.3494)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(97.4722,  
-15.6740, 13.3494)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBFFE8
RGB	235, 255, 232
RGB Percent	92%, 100%, 91%
CMY	0.0784, 0.0000, 0.0902
CMYK	0.08, 0.00, 0.09, 0.00
HSL	112°, 100%, 95%
HSV	112°, 9%, 100%
XYZ	84.5864, 95.0083, 90.2241
YIQ	246.3980, -4.5370, -11.3930

# Conversions

## Conversions Part 2

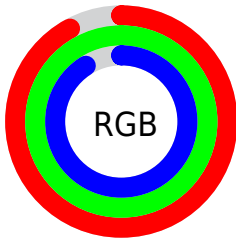
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 255, 252
Decimal	15466472
CIE <sub>Lab</sub>	98.04, -10.60, 8.76
CIE <sub>LCh</sub>	98, 13.751, 140.417
Yxy	95.0087, 0.3135, 0.3521
Android (android.graphics.Color)	4293656552 (0xFFEBFFE8)
YUV	246.3980, -7.0982, -9.9960
Hunter-Lab	97.4722, -15.6740, 13.3494

# Details

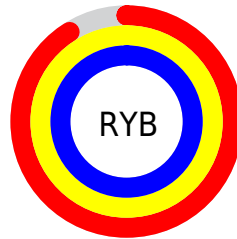
The HunterLab color  $97.4722, -15.6740, 13.3494$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $92.5363, 5.9825, -3.4920$ , and the grayscale version is  $96.2076, -5.1334, 5.2271$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.8742, -13.3352, 11.2535$  is the 20% darker color. If you saturate the color by 10%, you get  $94.9321, -26.3273, 21.3667$ , and if you desaturate by 10%, it is  $100.0000, -5.3358, 5.4332$ .

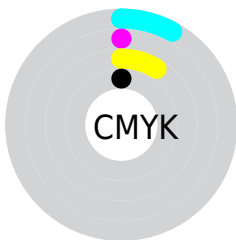
# Distribution



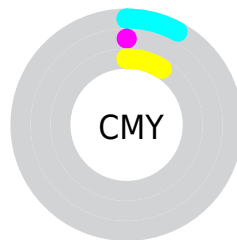
- Red (92%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.4722, -15.6740, 13.3494 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 97.4722, -15.6740, 13.3494 by changing the saturation by 10% instead.



97.4722, -15.6740,  
13.3494

97.4722, -15.6740,  
13.3494

233.2794,  
-26.5953, 23.6727

84.9366, -14.5134,  
12.2723

124.2082,  
-18.0189, 15.5399

72.9896, -13.3597,  
11.2068

138.3643,  
-19.2072, 16.6563

61.6622, -12.2095,  
10.1501

153.0209,  
-20.4069, 17.7874

50.9902, -11.0588,  
9.0992

168.1612,  
-21.6188, 18.9336

41.0166, -9.9022,  
8.0496

183.7703,  
-22.8433, 20.0951

31.7944, -8.7312,  
6.9940

199.8346,

23.3905, -7.5319,

-24.0807, 21.2720

5.9208

216.3415,  
-25.3313, 22.4645

■ 15.8943, -6.2806,  
4.8091

■ 9.4326, -5.3995,  
4.3638

■ 97.4722, -15.6740,  
13.3494

■ 97.4722, -15.6740,  
13.3494

■ 94.9321, -26.3273,  
21.3667

100.0000, -5.3358,  
5.4332

■ 92.6757, -36.0256,  
28.5073

■ 90.7089, -44.6664,  
34.6985

■ 89.0342, -52.1633,  
39.8851

■ 87.6497, -58.4536,  
44.0361

■ 86.5488, -63.5061,  
47.1515

■ 85.7192, -67.3291,  
49.2693

■ 85.1421, -69.9776,  
50.4740

■ 84.7883, -71.5765,  
50.9428

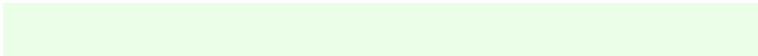
# Harmonies

## Analogous

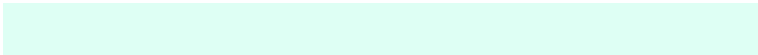
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.4724, -10.0005, 16.8853



97.4722, -15.6740, 13.3494



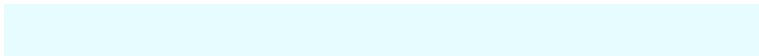
97.4724, -18.5169, 7.4781

# Triad

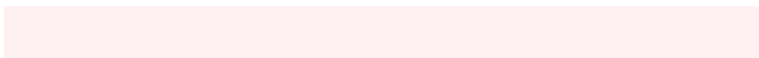
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.4724, -15.6733, 13.3488



97.4724, -7.5058, -8.6306



97.4724, 8.1445, 9.7998

# Complementary

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



97.4722, -15.6740, 13.3494



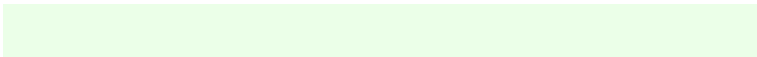
92.5363, 5.9825, -3.4920

# 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.



97.4724, 8.8596, 3.0821



97.4722, -15.6740, 13.3494



97.4724, -0.3173, -7.8958

# Square

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



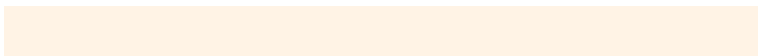
97.4724, -15.6733, 13.3488



97.4724, -13.8927, -5.4275



97.4724, 5.7223, -3.4872



97.4724, 3.7958, 14.9420



# Rectangle

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



97.4722, -15.6740, 13.3494



97.4724, -18.4837, 2.8883



97.4724, 5.7223, -3.4872



97.4724, 8.8226, 7.6627

# Sweetspot

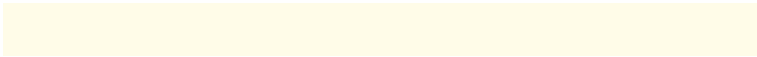
The Sweet Spot groups the original color and five complimentary colors.



97.4724, -15.6733, 13.3488



99.1348, -8.8457, 8.1341



98.3186, -7.5793, 14.4115



45.7592, -4.5210, 4.0920

0.0000, NaN, NaN

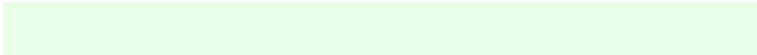


46.2646, -2.4686, 2.5136

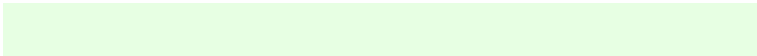


# Same Dimension

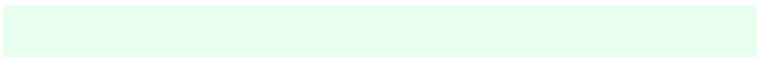
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.4724, -15.6733, 13.3488



96.9470, -17.8547, 15.0031



97.4645, -15.1982, 9.4359



45.0352, -7.5000, 6.3647



61.2999, -51.7010, 36.8676



19.2154, -15.7595, 11.5645



# Inverse Universe

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



92.5363, 5.9825, -3.4920



90.9415, 8.4995, -5.4938



92.5543, 5.4688, 0.9815



42.6300, 3.0527, -1.8419



34.5145, 70.0373, -62.4262



10.9173, 22.0608, -19.0265



# Previews

## White Background



This preview shows how the HunterLab color 97.4722, -15.6740, 13.3494 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

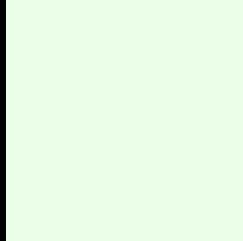
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.4722, -15.6740, 13.3494 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

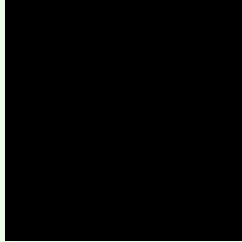
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

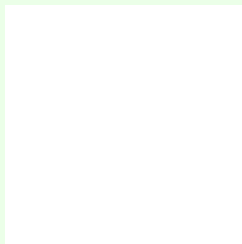
Any Text WCAG AAA ✓ Pass

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

## HunterLab 97.4722, -15.6740, 13.3494 Background



This preview shows how black text looks on a background with the HunterLab color 97.4722, -15.6740, 13.3494.



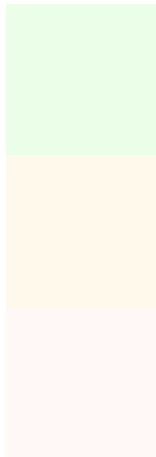
This preview shows how white text looks on a background with the HunterLab color 97.4722,

-15.6740,13.3494.

# 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

97.4722, -15.6740, 13.3494

### Protanopia

97.5026, -5.3959, 11.7303

### Deuteranopia

97.5245, -3.0189, 6.5443

## **Tritanopia**

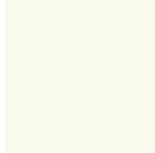
97.3373, -4.7759, 2.2678

# Trichromacy



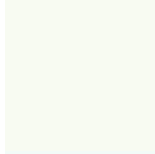
## Original Color

97.4722, -15.6740, 13.3494



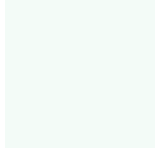
## Protanomaly

97.4418, -8.9455, 12.0628



## Deuteranomaly

97.6533, -7.7799, 9.0342



## Tritanomaly

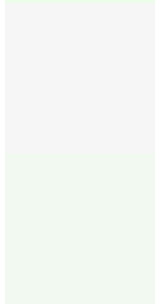
97.3470, -8.5420, 6.2408

# Monochromacy



## Original Color

97.4722, -15.6740, 13.3494



## Achromatopsia

95.9991, -5.1223, 5.2158

## Achromatomaly

96.4259, -8.8588, 8.0926

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.4722, -15.6740, 13.3494 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(235, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 232)  
}
```

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(235, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.4722, -15.6740, 13.3494 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(235, 255, 232) }
```



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

```
.border{ border-color:rgb(235, 255, 232) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.4722, -15.6740, 13.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 232) }
```

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

```
.background{ background-color: rgb(235,  
255, 232) }
```

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