

# Converting Colors

HunterLab(98.2893, -7.3933,  
3.3668)

Have a look what the booklet for  
HunterLab(98.2893, -7.3933, 3.3668)  
contains.

<b>HunterLab(98.4292, -7.5294, 3.5317)</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(98.4292, -7.5294,  
3.5317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5FDFF
RGB	245, 253, 255
RGB Percent	96%, 99%, 100%
CMY	0.0392, 0.0078, 0.0000
CMYK	0.04, 0.01, 0.00, 0.00
HSL	192°, 100%, 98%
HSV	192°, 4%, 100%
XYZ	90.8315, 96.8831, 108.5207
YIQ	250.8360, -5.4100, -1.0740

# Conversions

## Conversions Part 2

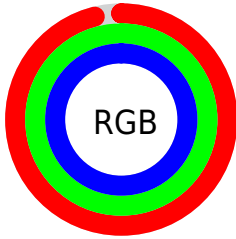
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 249, 255
Decimal	16121343
CIE Lab	98.78, -2.26, -1.88
CIE LCh	99, 2.934, 219.732
Yxy	96.8871, 0.3066, 0.3271
Android (android.graphics.Color)	4294311423 (0xFFFF5FDFF)
YUV	250.8360, 2.0529, -5.1182
Hunter-Lab	98.4292, -7.5294, 3.5317

# Details

The HunterLab color 98.4292, -7.5294, 3.5317 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.1452, -2.8299, 7.0864, and the grayscale version is 98.1402, -5.2365, 5.3321.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 73.7400, -5.7865, 2.3802 is the 20% darker color. If you saturate the color by 10%, you get 94.5746, -12.7066, -1.2568, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

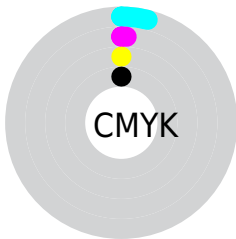
# Distribution



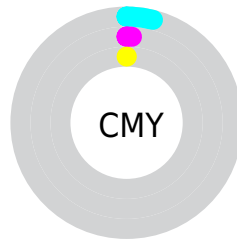
- Red (96%)
- Green (99%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 98.4292, -7.5294, 3.5317 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 98.4292, -7.5294, 3.5317 by changing the saturation by 10% instead.



98.4292, -7.5294,  
3.5317

98.4292, -7.5294,  
3.5317

234.5610,  
-15.5724, 10.3419

85.8525, -6.7577,  
2.9291

125.2474, -9.1560,  
4.8440

73.8606, -6.0099,  
2.3598

139.4416,  
-10.0047, 5.5459

62.4858, -5.2891,  
1.8286

154.1347,  
-10.8769, 6.2773

51.7634, -4.5962,  
1.3381

169.3106,  
-11.7721, 7.0371

41.7360, -3.9319,  
0.8916

184.9542,  
-12.6898, 7.8243

32.4556, -3.2970,  
0.4936

201.0519,

23.9879, -2.6918,

-13.6293, 8.6381

0.1496

217.5914,  
-14.5904, 9.4775

■ 16.4201, -2.1160,  
-0.1322

■ 9.8755, -1.5669,  
-0.3393

■ 98.4292, -7.5294,  
3.5317

■ 98.4292, -7.5294,  
3.5317

■ 94.5746, -12.7066,  
-1.2568

100.0000, -5.3358,  
5.4332

■ 90.9348, -17.2159,  
-5.9526

■ 87.5227, -20.9935,  
-10.5260

■ 84.3482, -23.9768,  
-14.9464

■ 81.4189, -26.1111,  
-19.1814

■ 78.7391, -27.3566,  
-23.1993

■ 76.3084, -27.6966,  
-26.9722

■ 74.1197, -27.1475,  
-30.4819

■ 72.1552, -25.7739,  
-33.7289

# Harmonies

## Analogous

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



98.4312, -8.1686, 4.8789



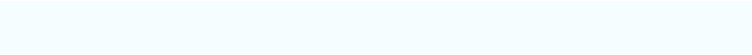
98.4292, -7.5294, 3.5317



98.4312, -6.2845, 2.6694

# Triad

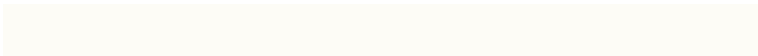
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



98.4312, -7.5319, 3.5341



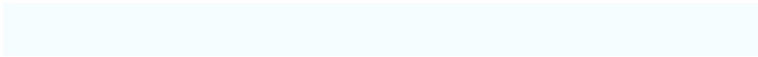
98.4312, -2.4546, 4.3737



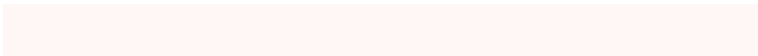
98.4312, -5.7590, 8.1031

# Complementary

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



98.4292, -7.5294, 3.5317



97.1452, -2.8299, 7.0864

# 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.



98.4312, -4.2259, 7.9726



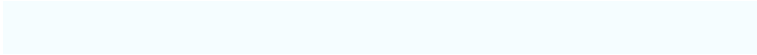
98.4292, -7.5294, 3.5317



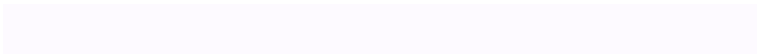
98.4312, -2.3118, 5.8344

# Square

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



98.4312, -7.5319, 3.5341



98.4312, -3.3510, 3.1594



98.4312, -2.9619, 7.1474



98.4312, -7.1493, 7.5068



# Rectangle

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



98.4292, -7.5294, 3.5317



98.4312, -5.2712, 2.4894



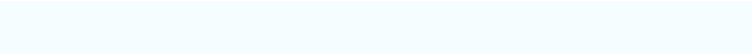
98.4312, -2.9619, 7.1474



98.4312, -5.2434, 8.1425

# Sweetspot

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



98.4312, -7.5319, 3.5341



99.5969, -5.9044, 4.9479



98.8120, -10.0144, 7.9923



46.0873, -2.7187, 2.3002

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



98.4312, -7.5319, 3.5341



98.0049, -8.1203, 3.0132



96.8870, -4.9825, 1.7189



45.2138, -3.9324, 1.2374



51.5648, -18.0979, -25.3834



16.5470, -6.2640, -7.1601



# Inverse Universe

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



96.7772, -0.3656, 2.6921



95.9012, 1.0101, 1.9394



98.6759, -5.3908, 8.8026



44.1057, 0.8825, 0.6708



36.6226, 69.0066, -25.0887



11.4933, 21.7648, -8.7145



# Previews

## White Background



This preview shows how the HunterLab color 98.4292, -7.5294, 3.5317 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

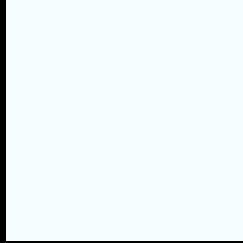
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 98.4292, -7.5294, 3.5317 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

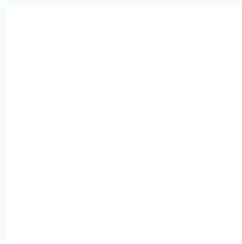
Any Text WCAG AAA ✓ Pass

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

# HunterLab 98.4292, -7.5294, 3.5317 Background



This preview shows how black text looks on a background with the HunterLab color 98.4292, -7.5294, 3.5317.



This preview shows how white text looks on a background with the HunterLab color 98.4292, -7.5294, 3.5317.



# 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



The image shows a vertical bar divided into three colored sections. The top section is light blue, the middle section is light pink, and the bottom section is light yellow. To the right of each section is text describing the color and its corresponding LMS values.

### Original Color

98.4292, -7.5294, 3.5317

### Protanopia

98.3479, -3.0334, 4.5255

### Deuteranopia

98.3156, -3.2098, 4.9865

## Tritanopia

98.3482, -4.5306, 3.4873

# Trichromacy

## Original Color

98.4292, -7.5294, 3.5317

## Protanomaly

98.3155, -4.7093, 3.9527

## Deuteranomaly

98.2830, -4.8873, 4.4161

## Tritanomaly

98.4787, -5.7126, 3.6227

# Monochromacy

## Original Color

98.4292, -7.5294, 3.5317

## Achromatopsia

98.2184, -5.2407, 5.3364

## Achromatomaly

98.3813, -6.2468, 5.0109

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 98.4292, -7.5294, 3.5317 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(245, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 253, 255)  
}
```

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(245, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 253, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 98.4292, -7.5294, 3.5317 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(245, 253, 255) }
```



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

```
.border{ border-color:rgb(245, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 253,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 98.4292, -7.5294, 3.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 253, 255) }
```

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

```
.background{ background-color: rgb(245,  
253, 255) }
```

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