

# Converting Colors

HunterLab(98.4339, -4.1320,  
10.7674)

Have a look what the booklet for  
HunterLab(98.4339, -4.1320,  
10.7674) contains.

<b>HunterLab(97.9400, -5.2633, 10.3525)</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(97.9400, -5.2633,  
10.3525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFAF0
RGB	255, 250, 240
RGB Percent	100%, 98%, 94%
CMY	0.0000, 0.0196, 0.0588
CMYK	0.00, 0.02, 0.06, 0.00
HSL	40°, 100%, 97%
HSV	40°, 6%, 100%
XYZ	91.1537, 95.9224, 96.1485
YIQ	250.3550, 6.1900, -2.0500

# Conversions

## Conversions Part 2

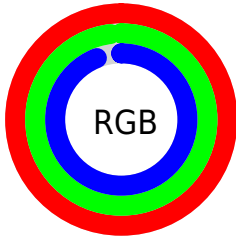
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 255, 240
Decimal	16775920
CIE <sub>Lab</sub>	98.40, -0.03, 5.37
CIE <sub>LCh</sub>	98, 5.368, 90.370
Yxy	95.9264, 0.3218, 0.3387
Android (android.graphics.Color)	4294966000 (0xFFFFFAF0)
YUV	250.3550, -5.1050, 4.0737
Hunter-Lab	97.9400, -5.2633, 10.3525

# Details

The HunterLab color 97.9400, -5.2633, 10.3525 is a light color, and the websafe version is hex FFFFFFFF, and the color name is floralwhite. A complement of this color would be 95.4189, -4.9118, -0.0753, and the grayscale version is 97.9534, -5.2265, 5.3220.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 73.5187, -4.2684, 8.6563 is the 20% darker color. If you saturate the color by 10%, you get 94.5288, -4.8245, 18.0503, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

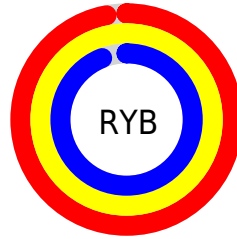
# Distribution



Red (100%)

Green (98%)

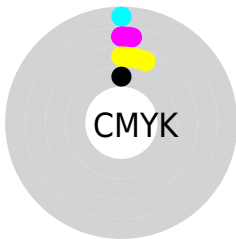
Blue (94%)



Red (97%)

Yellow (100%)

Blue (94%)

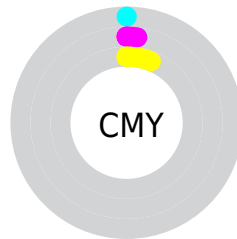


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 97.9400, -5.2633, 10.3525 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 97.9400, -5.2633, 10.3525 by changing the saturation by 10% instead.



97.9400, -5.2633,  
10.3525

97.9400, -5.2633,  
10.3525

233.9073,  
-12.5400, 19.5273

85.3852, -4.5940,  
9.4332

124.7172, -6.6992,  
12.2549

73.4161, -3.9530,  
8.5323

138.8920, -7.4577,  
13.2354

62.0654, -3.3451,  
7.6505

153.5665, -8.2428,  
14.2356

51.3687, -2.7719,  
6.7871

168.7243, -9.0537,  
15.2555

41.3687, -2.2358,  
5.9405

184.3503, -9.8896,  
16.2948

32.1179, -1.7396,  
5.1080

200.4310,

23.6827, -1.2867,

-10.7497, 17.3534

4.2847

216.9539,  
-11.6334, 18.4310

■ 16.1513, -0.8819,  
3.4614

■ 9.6489, -0.5315,  
2.8361

■ 97.9400, -5.2633,  
10.3525

■ 97.9400, -5.2633,  
10.3525

■ 94.5288, -4.8245,  
18.0503

100.0000, -5.3358,  
5.4332

■ 91.2284, -3.9579,  
24.8554

■ 88.0462, -2.6476,  
30.7149

■ 84.9878, -0.8785,  
35.5789

■ 82.0580, 1.3591,  
39.4055

■ 79.2615, 4.0677,  
42.1666

■ 76.6013, 7.2389,  
43.8558

■ 74.0788, 10.8491,  
44.5010

■ 71.6919, 14.8523,  
44.1867

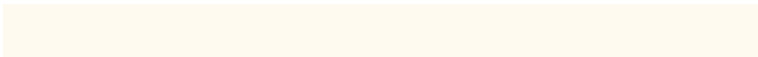
# Harmonies

## Analogous

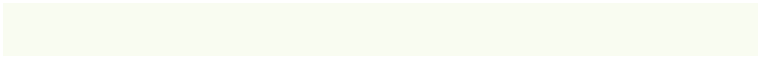
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.9420, -2.5339, 9.7129



97.9400, -5.2633, 10.3525



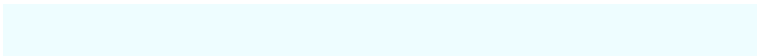
97.9420, -7.9595, 9.6811

# Triad

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



97.9420, -5.2662, 10.3539



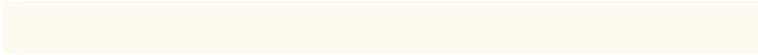
97.9420, -9.8691, 2.6854



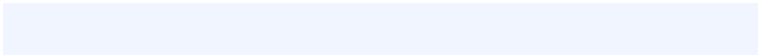
97.9420, -0.4697, 2.7447

# Complementary

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



97.9400, -5.2633, 10.3525



95.4189, -4.9118, -0.0753

# 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.



97.9420, -2.4726, 0.7723



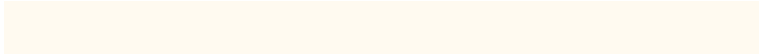
97.9400, -5.2633, 10.3525



97.9420, -7.8996, 0.7374

# Square

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



97.9420, -5.2662, 10.3539



97.9420, -10.5985, 5.2979



97.9420, -5.1962, 0.0277

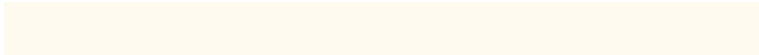


97.9420, 0.2543, 5.3646



# Rectangle

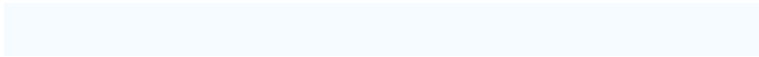
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.9400, -5.2633, 10.3525



97.9420, -9.3755, 8.5669



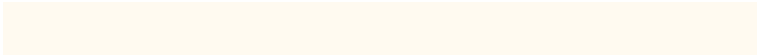
97.9420, -5.1962, 0.0277



97.9420, -1.0168, 1.9813

# Sweetspot

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



97.9420, -5.2662, 10.3539



99.2961, -5.3275, 7.1381



94.9599, 0.8957, 4.5921



45.9550, -2.4651, 3.2637

0.0000, NaN, NaN

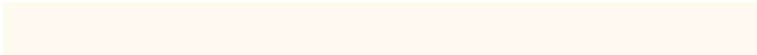


46.2646, -2.4686, 2.5136

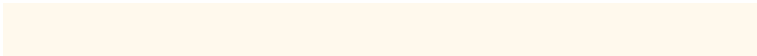


# Same Dimension

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



97.9420, -5.2662, 10.3539



97.5549, -5.2373, 11.2571



99.2977, -8.7226, 11.8101



45.0369, -2.4148, 5.4316



51.4153, 11.4395, 31.8822

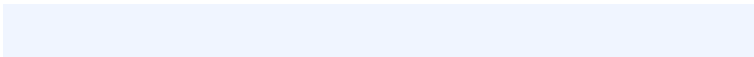


16.6581, 2.4031, 10.3067



# Inverse Universe

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



95.4189, -4.9118, -0.0753



94.5555, -4.8151, -1.1424



94.0783, -1.4628, -1.6787



43.5306, -2.2025, -0.7963



27.2091, 26.1671, -90.4963

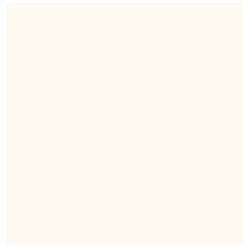


9.5500, 5.5424, -23.9011



# Previews

## White Background



This preview shows how the HunterLab color 97.9400, -5.2633, 10.3525 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

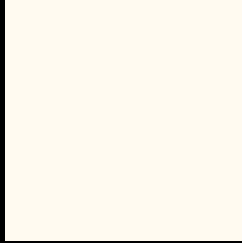
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 97.9400, -5.2633, 10.3525 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

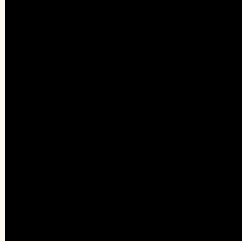
Any Text WCAG AA ✓ Pass

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 97.9400, -5.2633, 10.3525 Background



This preview shows how black text looks on a background with the HunterLab color 97.9400, -5.2633, 10.3525.



This preview shows how white text looks on a background with the HunterLab color 97.9400, -5.2633, 10.3525.



# 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

97.9400, -5.2633, 10.3525

### Protanopia

98.0318, -4.7609, 9.0396

### Deuteranopia

97.9035, -3.2033, 5.9965

## Tritanopia

97.9051, -2.8092, 2.9863

# Trichromacy

A vertical color bar on the left side of the Trichromacy section, transitioning from a bright yellow at the top to a pale pink at the bottom.

**Original Color**

97.9400, -5.2633, 10.3525

**Protanomaly**

98.0010, -4.9291, 9.4794

**Deuteranomaly**

97.8086, -3.7215, 7.3516

**Tritanomaly**

97.8388, -3.3630, 5.4211

# Monochromacy

A vertical color bar on the left side of the Monochromacy section, transitioning from a bright yellow at the top to a pale grey at the bottom.

**Original Color**

97.9400, -5.2633, 10.3525

**Achromatopsia**

97.7739, -5.2170, 5.3122

**Achromatomaly**

97.8368, -5.2518, 7.3575

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 97.9400, -5.2633, 10.3525 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(255, 250, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 240)  
}
```

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(255, 250, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 97.9400, -5.2633, 10.3525 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(255, 250, 240) }
```



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

```
.border{ border-color:rgb(255, 250, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 97.9400, -5.2633, 10.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 240) }
```

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

```
.background{ background-color: rgb(255,  
250, 240) }
```

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