

# Converting Colors

HunterLab(101.2979, 5.2483,  
30.4606)

Have a look what the booklet for  
HunterLab(101.2979, 5.2483,  
30.4606) contains.

<b>HunterLab(96.5306, -10.7499, 25.7309)</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(96.5306,  
-10.7499, 25.7309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF9C8
RGB	255, 249, 200
RGB Percent	100%, 98%, 78%
CMY	0.0000, 0.0235, 0.2157
CMYK	0.00, 0.02, 0.22, 0.00
HSL	53°, 100%, 89%
HSV	53°, 22%, 100%
XYZ	85.5411, 93.1816, 68.1209
YIQ	245.2080, 19.3050, -13.9670

# Conversions

## Conversions Part 2

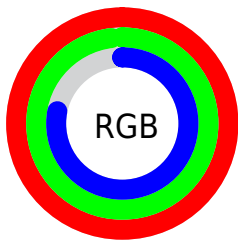
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 255, 200
Decimal	16775624
CIE <sub>Lab</sub>	97.30, -5.63, 24.29
CIE <sub>LCh</sub>	97, 24.936, 103.044
Yxy	93.1856, 0.3465, 0.3775
Android (android.graphics.Color)	4294965704 (0xFFFFF9C8)
YUV	245.2080, -22.2875, 8.5876
Hunter-Lab	96.5306, -10.7499, 25.7309

# Details

The HunterLab color **96.5306, -10.7499, 25.7309** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **79.7748, 3.4636, -21.0966**, and the grayscale version is **95.7395, -5.1084, 5.2017**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **72.2641, -9.0161, 22.0592** is the 20% darker color. If you saturate the color by 10%, you get **95.0714, -12.5032, 33.2301**, and if you desaturate by 10%, it is **98.0866, -8.5187, 17.0153**.

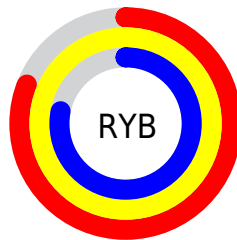
# Distribution



Red (100%)

Green (98%)

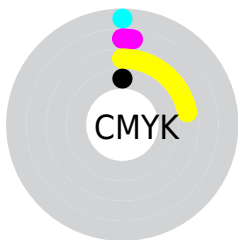
Blue (78%)



Red (81%)

Yellow (100%)

Blue (78%)

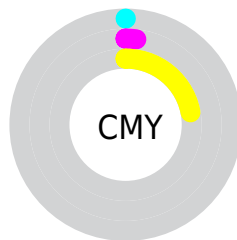


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.5306, -10.7499, 25.7309 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 96.5306, -10.7499, 25.7309 by changing the saturation by 10% instead.



96.5306, -10.7499,  
25.7309

96.5306, -10.7499,  
25.7309

232.0215,  
-19.9283, 41.6635

84.0391, -9.8269,  
23.8835

123.1891,  
-12.6611, 29.3514

72.1366, -8.9194,  
21.9984

137.3079,  
-13.6435, 31.1337

60.8559, -8.0296,  
20.0656

151.9282,  
-14.6448, 32.9036

50.2336, -7.1566,  
18.0702

167.0336,  
-15.6647, 34.6643

40.3133, -6.2986,  
15.9911

182.6088,  
-16.7032, 36.4186

31.1486, -5.4528,  
13.7979

198.6401,

22.8080, -4.6140,

-17.7601, 38.1687

11.4449

215.1149,  
-18.8352, 39.9164

■ 15.3828, -3.7725,  
9.2752

■ 8.9915, -3.2077,  
6.2941

■ 96.5306, -10.7499,  
25.7309

■ 96.5306, -10.7499,  
25.7309

■ 95.0714, -12.5032,  
33.2301

■ 98.0866, -8.5187,  
17.0153

■ 93.7017, -13.7701,  
39.5054

■ 99.7334, -5.8044,  
7.0959

■ 92.4218, -14.5601,  
44.5677

■ 100.0000, -5.3358,  
5.4332

■ 91.2291, -14.8860,  
48.4442

■ 90.1195, -14.7686,  
51.1824

■ 89.0877, -14.2386,  
52.8562

■ 88.1259, -13.3401,  
53.5753

■ 87.3576, -12.3630,  
53.6129

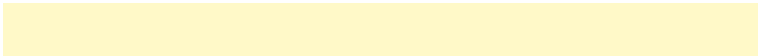
# Harmonies

## Analogous

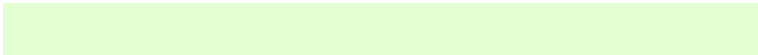
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5327, 2.2700, 25.4079



96.5306, -10.7499, 25.7309



96.5327, -21.6894, 21.1191

# Triad

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



96.5327, -10.7529, 25.7321



96.5327, -22.8146, -12.4948



96.5327, 20.0315, -1.9677

# Complementary

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



96.5306, -10.7499, 25.7309



79.7748, 3.4636, -21.0966

# Split Complementary

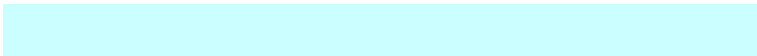
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5327, 12.5711, -13.8641



96.5306, -10.7499, 25.7309



96.5327, -12.3639, -20.4732

# Square

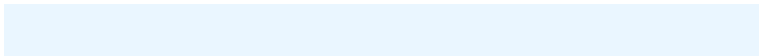
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.5327, -10.7529, 25.7321



96.5327, -28.4001, -0.2882



96.5327, 0.5716, -21.0052



96.5327, 20.5196, 10.4870

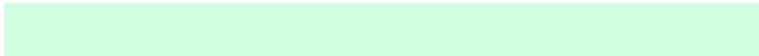


# Rectangle

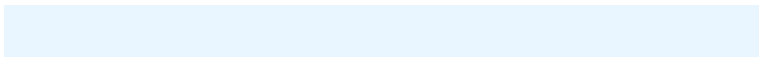
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.5306, -10.7499, 25.7309



96.5327, -26.5150, 15.4587



96.5327, 0.5716, -21.0052



96.5327, 18.2386, -6.2016

# Sweetspot

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



96.5327, -10.7529, 25.7321



98.9920, -7.0662, 11.6393



81.8817, 16.0332, 8.2609



45.7484, -3.3515, 5.6855

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

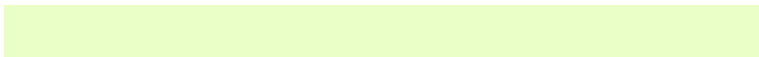
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5327, -10.7529, 25.7321



95.8736, -11.5885, 29.2063



96.5239, -20.8075, 25.5476



45.5330, -3.7001, 6.9704



63.2547, -9.1059, 38.8178



19.9710, -3.2059, 12.2499



# Inverse Universe

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



79.7748, 3.4636, -21.0966



75.7935, 5.5692, -27.2064



79.9469, 13.1454, -20.6698



42.0669, -0.7932, -2.6332



20.7440, 47.1377, -127.6850

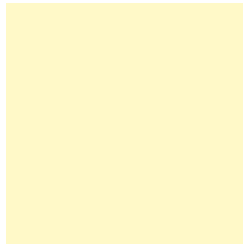


7.1982, 12.0454, -34.9996



# Previews

## White Background



This preview shows how the HunterLab color 96.5306, -10.7499, 25.7309 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

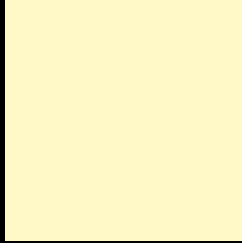
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.5306, -10.7499, 25.7309 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

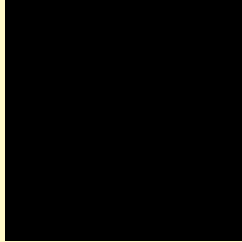
Any Text WCAG AA ✓ Pass

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 96.5306, -10.7499, 25.7309 Background



This preview shows how black text looks on a background with the HunterLab color 96.5306, -10.7499, 25.7309.



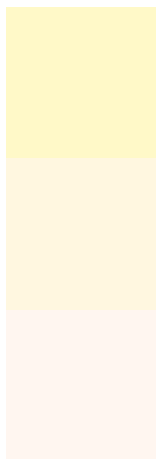
This preview shows how white text looks on a background with the HunterLab color 96.5306,

-10.7499,25.7309.

# 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

96.5306, -10.7499, 25.7309

### Protanopia

96.5212, -6.2532, 16.0475

### Deuteranopia

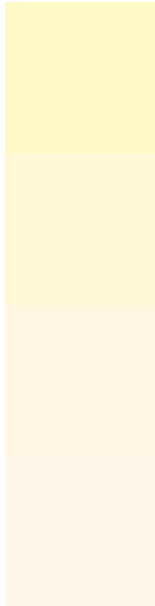
96.6762, -3.1504, 8.9582



## Tritanopia

96.4641, 0.1696, 2.3268

# Trichromacy



## Original Color

96.5306, -10.7499, 25.7309

## Protanomaly

96.5925, -8.1283, 19.9153

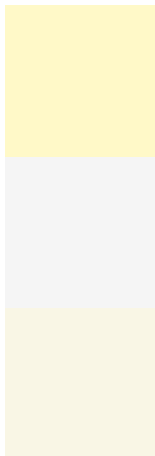
## Deuteranomaly

96.5494, -6.0984, 15.6423

## Tritanomaly

96.4946, -4.1423, 11.5579

# Monochromacy



## Original Color

96.5306, -10.7499, 25.7309

## Achromatopsia

95.5562, -5.0986, 5.1917

## Achromatomaly

95.7645, -6.9799, 12.9926

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.5306, -10.7499, 25.7309 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, 249, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 200)  
}
```

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, 249, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 200) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.5306, -10.7499, 25.7309 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, 249, 200) }
```



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

```
.border{ border-color:rgb(255, 249, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
200) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.5306, -10.7499, 25.7309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 200) }
```

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

```
.background{ background-color: rgb(255,  
249, 200) }
```

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