

# Converting Colors

HunterLab(99.5091, -3.5590,  
5.1356)

Have a look what the booklet for  
HunterLab(99.5091, -3.5590, 5.1356)  
contains.

<b>HunterLab(99.3633, -4.2744, 4.7000)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**HunterLab(99.3633, -4.2744,  
4.7000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFFDFF
RGB	255, 253, 255
RGB Percent	100%, 99%, 100%
CMY	0.0000, 0.0078, 0.0000
CMYK	0.00, 0.01, 0.00, 0.00
HSL	300°, 100%, 100%
HSV	300°, 1%, 100%
XYZ	94.4154, 98.7307, 108.6885
YIQ	253.8260, 0.5500, 1.0460

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 253, 255
Decimal	16776703
CIE Lab	99.51, 1.01, -0.73
CIE LCh	100, 1.246, 324.237
Yxy	98.7344, 0.3128, 0.3271
Android (android.graphics.Color)	4294966783 (0xFFFFDFF)
YUV	253.8260, 0.5788, 1.0296
Hunter-Lab	99.3633, -4.2744, 4.7000

# Details

The HunterLab color 99.3633, -4.2744, 4.7000 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.7477, -6.3426, 6.1133, and the grayscale version is 99.4755, -5.3078, 5.4047.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 74.5405, -2.9974, 3.3836 is the 20% darker color. If you saturate the color by 10%, you get 91.4852, 9.4501, -4.7755, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

# Distribution



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



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



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



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 99.3633, -4.2744, 4.7000 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 99.3633, -4.2744, 4.7000 by changing the saturation by 10% instead.




99.3633, -4.2744,  
4.7000

99.3633, -4.2744,  
4.7000


235.8077,  
-11.2227, 11.8948

 86.7450, -3.6490,  
4.0463


126.2592, -5.6289,  
6.1078

 74.7096, -3.0538,  
3.4237

140.4901, -6.3487,  
6.8549

 63.2889, -2.4939,  
2.8363


155.2189, -7.0965,  
7.6300

 52.5179, -1.9718,  
2.2864

170.4291, -7.8712,  
8.4321

 42.4385, -1.4902,  
1.7765

186.1061, -8.6720,  
9.2604

 33.1019, -1.0528,  
1.3101

202.2362, -9.4979,

 24.5727, -0.6642,

10.1141

0.8916

218.8072,  
-10.3484, 10.9925

■ 16.9361, -0.3311,  
0.5269

■ 10.3120, -0.0635,  
0.2250

99.3633, -4.2744,  
4.7000

99.3633, -4.2744,  
4.7000

■ 91.4852, 9.4501,  
-4.7755

100.0000, -5.3358,  
5.4332

■ 84.0975, 23.5066,  
-14.4678

■ 77.2849, 37.7774,  
-24.2955

■ 71.1444, 52.0234,  
-34.0943

■ 65.7843, 65.8293,  
-43.5796

■ 61.3152, 78.5712,  
-52.3253

■ 57.8320, 89.4570,  
-59.7910

■ 55.3869, 97.6920,  
-65.4352

■ 53.9565, 102.7675,  
-68.9126

# Harmonies

## Analogous

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

99.3652, -4.7869, 4.3041

99.3633, -4.2744, 4.7000

99.3652, -4.0443, 5.2877

# Triad

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

99.3652, -4.2777, 4.7022

99.3652, -5.1800, 6.5997

99.3652, -6.4591, 4.9130

# Complementary

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

99.3633, -4.2744, 4.7000

99.7477, -6.3426, 6.1133

# 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.



99.3652, -6.5638, 5.5296



99.3633, -4.2744, 4.7000



99.3652, -5.8265, 6.5008

# Square

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

99.3652, -4.2777, 4.7022

99.3652, -4.5661, 6.3811

99.3652, -6.3325, 6.1101

99.3652, -6.0461, 4.4264



# Rectangle

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

99.3633, -4.2744, 4.7000

99.3652, -4.0769, 5.7045

99.3652, -6.3325, 6.1101

99.3652, -6.5315, 5.1120

# Sweetspot

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

99.3652, -4.2777, 4.7022

100.0000, -5.3358, 5.4332

99.1757, -4.9355, 4.4661

46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



99.3652, -4.2777, 4.7022



99.1886, -3.9822, 4.4980



99.3330, -4.4540, 5.1619



45.9077, -1.8734, 2.1025



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

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



99.3652, -4.2777, 4.7022



99.1886, -3.9822, 4.4980



99.7796, -6.1673, 5.6576



45.9077, -1.8734, 2.1025



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background

### Color Contrast Check

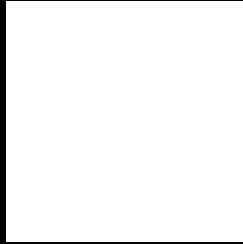
Large Text (above 18pt) WCAG AA × Fail

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 99.3633, -4.2744, 4.7000 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 99.3633, -4.2744, 4.7000 Background



This preview shows how black text looks on a background with the HunterLab color 99.3633, -4.2744, 4.7000.



# 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

99.3633, -4.2744, 4.7000

### Protanopia

99.3309, -4.4512, 5.1610

### Deuteranopia

99.3309, -4.4512, 5.1610

## **Tritanopia**

99.2680, -4.6049, 4.5813

# Trichromacy

## Original Color

99.3633, -4.2744, 4.7000

## Protanomaly

99.3309, -4.4512, 5.1610

## Deuteranomaly

99.3309, -4.4512, 5.1610

## Tritanomaly

99.2680, -4.6049, 4.5813

# Monochromacy

## Original Color

99.3633, -4.2744, 4.7000

## Achromatopsia

99.5541, -5.3120, 5.4090

## Achromatomaly

99.5541, -5.3120, 5.4090

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 99.3633, -4.2744, 4.7000 is called "color". The color property can be set on classes, ids or directly on the HTML element.

```
.text, #text, p{  
    color:rgb(255, 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(255, 253, 255) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to HunterLab 99.3633, -4.2744, 4.7000 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, 253, 255) }
```

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

```
.border{ border-color:rgb(255, 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(255, 253, 255)` colored shadow looks like.

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



# Background

The CSS property to change the background color of an element to HunterLab 99.3633, -4.2744, 4.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(255,  
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