

# Converting Colors

HunterLab(133.6301, -49.7502,  
41.8318)

Have a look what the booklet for  
HunterLab(133.6301, -49.7502,  
41.8318) contains.

<b>HunterLab(99.8096, -6.3799, 8.1519)</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(99.8096, -6.3799,  
8.1519)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFFFF9
RGB	255, 255, 249
RGB Percent	100%, 100%, 98%
CMY	0.0000, 0.0000, 0.0235
CMYK	0.00, 0.00, 0.02, 0.00
HSL	60°, 100%, 99%
HSV	60°, 2%, 100%
XYZ	94.0989, 99.6196, 103.8916
YIQ	254.3160, 1.9260, -1.8660

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	249, 255, 249
Decimal	16777209
CIE Lab	99.85, -1.03, 2.85
CIE LCh	100, 3.031, 109.926
Yxy	99.6197, 0.3162, 0.3347
Android (android.graphics.Color)	4294967289 (0xFFFFFFFF9)
YUV	254.3160, -2.6208, 0.5999
Hunter-Lab	99.8096, -6.3799, 8.1519

# Details

The HunterLab color 99.8096, -6.3799, 8.1519 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.5257, -4.1251, 2.5066, and the grayscale version is 99.7058, -5.3201, 5.4172.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 74.9961, -4.8386, 6.2414 is the 20% darker color. If you saturate the color by 10%, you get 99.0630, -10.4933, 18.8628, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

# Distribution



- Red (100%)
- Green (100%)
- Blue (98%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 99.8096, -6.3799, 8.1519 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 99.8096, -6.3799, 8.1519 by changing the saturation by 10% instead.



99.8096, -6.3799,  
8.1519

99.8096, -6.3799,  
8.1519

236.4003,  
-14.0254, 16.5140

87.1698, -5.6580,  
7.3396

126.7406, -7.9052,  
9.8485

75.1138, -4.9653,  
6.5537

140.9889, -8.7074,  
10.7333

63.6714, -4.3028,  
5.7940

155.7345, -9.5348,  
11.6414

52.8774, -3.6718,  
5.0611

170.9610,  
-10.3866, 12.5722

42.7734, -3.0739,  
4.3554

186.6538,  
-11.2622, 13.5254

33.4103, -2.5109,  
3.6770

202.7993,

24.8520, -1.9850,

-12.1609, 14.5003

3.0257

219.3853,  
-13.0821, 15.4967

■ 17.1829, -1.4984,  
2.3996

■ 10.5214, -1.0537,  
1.7938

■ 99.8096, -6.3799,  
8.1519

■ 99.8096, -6.3799,  
8.1519

■ 99.0630, -10.4933,  
18.8628

100.0000, -5.3358,  
5.4332

■ 98.4161, -14.0834,  
28.2102

■ 97.8662, -17.1543,  
36.2057

■ 97.4098, -19.7164,  
42.8763

■ 97.0427, -21.7863,  
48.2651

■ 96.7598, -23.3869,  
52.4323

■ 96.5549, -24.5490,  
55.4577

■ 96.4207, -25.3120,  
57.4441

■ 96.3477, -25.7274,  
58.5255

# Harmonies

## Analogous

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

99.8097, -4.7911, 8.2777

99.8096, -6.3799, 8.1519

99.8097, -7.6793, 7.3027

# Triad

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



99.8097, -6.3795, 8.1511



99.8097, -7.3080, 3.1624



99.8097, -2.2771, 4.9185

# Complementary

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



99.8096, -6.3799, 8.1519



97.5257, -4.1251, 2.5066

# 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.



99.8097, -2.9607, 3.5263



99.8096, -6.3799, 8.1519



99.8097, -5.8697, 2.5019

# Square

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



99.8097, -6.3795, 8.1511



99.8097, -8.2130, 4.4282



99.8097, -4.2780, 2.6361



99.8097, -2.4158, 6.4273



# Rectangle

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



99.8096, -6.3799, 8.1519



99.8097, -8.2103, 6.4343



99.8097, -4.2780, 2.6361



99.8097, -2.4186, 4.4210

# Sweetspot

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



99.8097, -6.3795, 8.1511



99.9184, -5.7830, 6.5979



97.9041, -3.2039, 5.9963



46.2287, -2.6653, 3.0259

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



99.8097, -6.3795, 8.1511



99.7582, -6.6619, 8.8864



99.5265, -7.3688, 7.8079



46.1235, -3.2424, 4.5286



69.6273, -18.7014, 42.5766



21.7262, -5.8355, 13.2854



# Inverse Universe

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



97.5257, -4.1251, 2.5066



96.8471, -3.7882, 1.6914



97.8101, -3.1404, 2.8663



44.4181, -1.5587, 0.3130



19.4232, 52.6854, -138.0100



6.0607, 16.4397, -43.0641



# Previews

## White Background



This preview shows how the HunterLab color  $L^* 91.1416$ ,  $a^* 27.95$ ,  $b^* 15.19$  looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

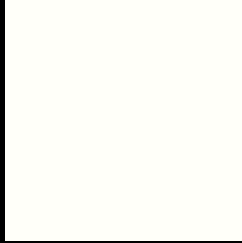
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 99.8096, -6.3799, 8.1519 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

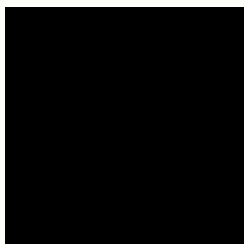
Any Text WCAG AA ✓ Pass

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 99.8096, -6.3799, 8.1519 Background



This preview shows how black text looks on a background with the HunterLab color 99.8096, -6.3799, 8.1519.



# 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

99.8096, -6.3799, 8.1519

### Protanopia

99.6491, -4.9818, 5.5265

### Deuteranopia

99.6813, -4.8054, 5.0668

# Tritanopia

100.0000, -5.3358, 5.4332

# Trichromacy

## Original Color

99.8096, -6.3799, 8.1519

## Protanomaly

99.5851, -5.3322, 6.4396

## Deuteranomaly

99.6170, -5.1574, 5.9841

## Tritanomaly

99.9359, -5.6870, 6.3478

# Monochromacy

## Original Color

99.8096, -6.3799, 8.1519

## Achromatopsia

99.5541, -5.3120, 5.4090

## Achromatomaly

99.4901, -5.6629, 6.3229

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 99.8096, -6.3799, 8.1519 is called "color". The color property can be set on classes, ids or directly on the HTML element.

The example shows how text is colored with the color:rgb(255, 255, 249) CSS property.

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

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, 255, 249) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to HunterLab 99.8096, -6.3799, 8.1519 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, 255, 249) }
```



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

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

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

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

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

# Background

The CSS property to change the background color of an element to HunterLab 99.8096, -6.3799, 8.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).

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