

# Converting Colors

HunterLab(99.7535, -6.2063,  
5.2208)

Have a look what the booklet for  
HunterLab(99.7535, -6.2063, 5.2208)  
contains.

<b>HunterLab(99.7173, -6.3204, 5.0828)</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(99.7173, -6.3204,  
5.0828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFFFF
RGB	252, 255, 255
RGB Percent	99%, 100%, 100%
CMY	0.0118, 0.0000, 0.0000
CMYK	0.01, 0.00, 0.00, 0.00
HSL	180°, 100%, 99%
HSV	180°, 1%, 100%
XYZ	93.9549, 99.4354, 108.8486
YIQ	254.1030, -1.7880, -0.6360

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 254, 255
Decimal	16580607
CIE Lab	99.78, -0.98, -0.36
CIE LCh	100, 1.042, 199.975
Yxy	99.4358, 0.3109, 0.3290
Android (android.graphics.Color)	4294770687 (0xFFFCFFFF)
YUV	254.1030, 0.4422, -1.8443
Hunter-Lab	99.7173, -6.3204, 5.0828

# Details

The HunterLab color 99.7173, -6.3204, 5.0828 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.9496, -4.2728, 5.7136, and the grayscale version is 99.5989, -5.3143, 5.4114.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 74.8782, -4.9473, 3.7492 is the 20% darker color. If you saturate the color by 10%, you get 97.4628, -14.2778, 2.2530, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

# Distribution



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



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



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



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 99.7173, -6.3204, 5.0828 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 99.7173, -6.3204, 5.0828 by changing the saturation by 10% instead.



99.7173, -6.3204,  
5.0828

99.7173, -6.3204,  
5.0828

236.2774,  
-13.9459, 12.4017

87.0817, -5.6009,  
4.4103

126.6408, -7.8406,  
6.5200

75.0300, -4.9110,  
3.7702

140.8855, -8.6405,  
7.2819

63.5921, -4.2514,  
3.1644

155.6276, -9.4656,  
8.0713

52.8028, -3.6235,  
2.5949

170.8507,  
-10.3152, 8.8873

42.7039, -3.0289,  
2.0641

186.5402,  
-11.1887, 9.7291

33.3463, -2.4694,  
1.5753

202.6826,

24.7940, -1.9473,

-12.0853, 10.5959

1.1321

219.2655,  
-13.0046, 11.4870

■ 17.1317, -1.4651,  
0.7400

■ 10.4779, -1.0254,  
0.4066

■ 99.7173, -6.3204,  
5.0828

■ 99.7173, -6.3204,  
5.0828

■ 97.4628, -14.2778,  
2.2530

■ 100.0000, -5.3358,  
5.4332

■ 95.4766, -21.4486,  
-0.2937

■ 93.7615, -27.7690,  
-2.5359

■ 92.3170, -33.1897,  
-4.4570

■ 91.1387, -37.6806,  
-6.0472

■ 90.2179, -41.2349,  
-7.3049

■ 89.5411, -43.8734,  
-8.2381

■ 89.0890, -45.6487,  
-8.8658

■ 88.8349, -46.6508,  
-9.2200

# Harmonies

## Analogous

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

99.7175, -6.3672, 5.6032

99.7173, -6.3204, 5.0828

99.7175, -6.0065, 4.6530

# Triad

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

99.7175, -6.3199, 5.0830

99.7175, -4.5134, 4.7775

99.7175, -5.1415, 6.4153

# Complementary

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

99.7173, -6.3204, 5.0828

98.9496, -4.2728, 5.7136

# 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.

99.7175, -4.6437, 6.1966

99.7173, -6.3204, 5.0828

99.7175, -4.2805, 5.2523

# Square

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

99.7175, -6.3199, 5.0830

99.7175, -4.9638, 4.4760

99.7175, -4.3283, 5.7716

99.7175, -5.6877, 6.3705



# Rectangle

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

99.7173, -6.3204, 5.0828

99.7175, -5.6886, 4.4763

99.7175, -4.3283, 5.7716

99.7175, -4.9629, 6.3702

# Sweetspot

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

99.7175, -6.3199, 5.0830

100.0000, -5.3358, 5.4332

99.6214, -6.8477, 6.4545

46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



99.7175, -6.3199, 5.0830



99.7595, -6.1734, 5.1351



99.2386, -5.5271, 4.5303



46.1588, -2.8370, 2.3825



64.1431, -34.0056, -6.7650



20.0150, -10.6110, -2.1109



# Inverse Universe

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



99.0464, -3.7438, 4.3334



99.1886, -3.9822, 4.4980



99.4262, -5.0676, 6.2578



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 99.7173, -6.3204, 5.0828 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 99.7173, -6.3204, 5.0828 Background



This preview shows how black text looks on a background with the HunterLab color 99.7173, -6.3204, 5.0828.



# 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

99.7173, -6.3204, 5.0828

### Protanopia

99.6491, -4.9818, 5.5265

### Deuteranopia

99.6491, -4.9818, 5.5265

# Tritanopia

99.5864, -5.1353, 4.9488

# Trichromacy

## Original Color

99.7173, -6.3204, 5.0828

## Protanomaly

99.5541, -5.3120, 5.4090

## Deuteranomaly

99.5541, -5.3120, 5.4090

## Tritanomaly

99.4918, -5.4641, 4.8313

# Monochromacy

## Original Color

99.7173, -6.3204, 5.0828

## Achromatopsia

99.5541, -5.3120, 5.4090

## Achromatomaly

99.4596, -5.6410, 5.2918

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 99.7173, -6.3204, 5.0828 is called "color". The color property can be set on classes, ids or directly on the HTML element.

```
.text, #text, p{  
    color:rgb(252, 255, 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(252, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 99.7173, -6.3204, 5.0828 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(252, 255, 255) }
```

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

```
.border{ border-color:rgb(252, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
255) }
```



# Background

The CSS property to change the background color of an element to HunterLab 99.7173, -6.3204, 5.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 255) }
```

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

```
.background{ background-color: rgb(252,  
255, 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