

# Converting Colors

HunterLab(99.6303, -5.3990,  
6.1640)

Have a look what the booklet for  
HunterLab(99.6303, -5.3990, 6.1640)  
contains.

<b>HunterLab(99.6170, -5.1574, 5.9841)</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(99.6170, -5.1574,  
5.9841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFEFD
RGB	255, 254, 253
RGB Percent	100%, 100%, 99%
CMY	0.0000, 0.0039, 0.0078
CMYK	0.00, 0.00, 0.01, 0.00
HSL	30°, 100%, 100%
HSV	30°, 1%, 100%
XYZ	94.4114, 99.2355, 107.1068
YIQ	254.1850, 0.9170, -0.0990

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 255, 253
Decimal	16776957
CIE Lab	99.71, 0.16, 0.58
CIE LCh	100, 0.605, 74.878
Yxy	99.2394, 0.3139, 0.3300
Android (android.graphics.Color)	4294967037 (0xFFFFFEFD)
YUV	254.1850, -0.5842, 0.7148
Hunter-Lab	99.6170, -5.1574, 5.9841

# Details

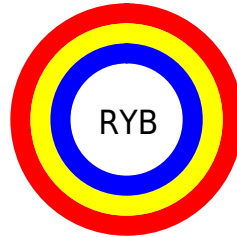
The HunterLab color 99.6170, -5.1574, 5.9841 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.4906, -5.4612, 4.8300, and the grayscale version is 99.6405, -5.3166, 5.4137.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 74.7822, -3.8394, 4.6078 is the 20% darker color. If you saturate the color by 10%, you get 94.8342, -2.7228, 12.7264, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

# Distribution



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



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



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



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 99.6170, -5.1574, 5.9841 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 99.6170, -5.1574, 5.9841 by changing the saturation by 10% instead.




99.6170, -5.1574,  
5.9841

99.6170, -5.1574,  
5.9841


236.1461,  
-12.3989, 13.6057

 86.9876, -4.4927,  
5.2729


126.5341, -6.5846,  
7.4975

 74.9404, -3.8567,  
4.5909


140.7750, -7.3389,  
8.2949

 63.5073, -3.2539,  
3.9409


155.5133, -8.1200,  
9.1186

 52.7231, -2.6862,  
3.3245

170.7328, -8.9270,  
9.9678

 42.6297, -2.1560,  
2.7437

186.4188, -9.7591,  
10.8417

 33.2779, -1.6660,  
2.2008

202.5578,

 24.7321, -1.2201,

-10.6156, 11.7398

1.6985

219.1374,  
-11.4957, 12.6613

■ 17.0769, -0.8229,  
1.2402

■ 10.4314, -0.4814,  
0.8304

99.6170, -5.1574,  
5.9841

99.6170, -5.1574,  
5.9841

■ 94.8342, -2.7228,  
12.7264

100.0000, -5.3358,  
5.4332

■ 90.2013, 0.1042,  
18.8543

■ 85.7337, 3.3498,  
24.3016

■ 81.4456, 7.0408,  
28.9955

77.3529, 11.1986,  
32.8600

73.4723, 15.8350,  
35.8208

69.8212, 20.9463,  
37.8133

66.4168, 26.5063,  
38.7956

63.2741, 32.4556,  
38.7729

# Harmonies

## Analogous

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

99.6190, -4.8847, 5.8343

99.6170, -5.1574, 5.9841

99.6190, -5.4786, 5.9861

# Triad

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

99.6190, -5.1603, 5.9855

99.6190, -5.9143, 5.2722

99.6190, -4.8866, 5.0072

# Complementary

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

99.6170, -5.1574, 5.9841

99.4906, -5.4612, 4.8300

# 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.

99.6190, -5.1628, 4.8556

99.6170, -5.1574, 5.9841

99.6190, -5.7560, 5.0090

# Square

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

99.6190, -5.1603, 5.9855

99.6190, -5.9136, 5.5750

99.6190, -5.4811, 4.8563

99.6190, -4.7265, 5.2698



# Rectangle

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

99.6170, -5.1574, 5.9841

99.6190, -5.6721, 5.9011

99.6190, -5.4811, 4.8563

99.6190, -4.9689, 4.9415

# Sweetspot

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

99.6190, -5.1603, 5.9855

100.0000, -5.3358, 5.4332

99.3315, -4.4520, 5.1613



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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

99.6190, -5.1603, 5.9855

99.5139, -5.1115, 6.1374

99.9360, -5.6867, 6.3470



46.0508, -2.3700, 2.8234



44.1547, 26.7963, 27.6770



14.5492, 6.6303, 9.0812



# Inverse Universe

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

99.4906, -5.4612, 4.8300

99.3502, -5.4954, 4.6631

99.1739, -4.9346, 4.4639

45.9788, -2.5388, 2.1750

34.6129, 9.2303, -63.1888

11.7678, 1.0527, -16.9812



# 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 99.6170, -5.1574, 5.9841 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

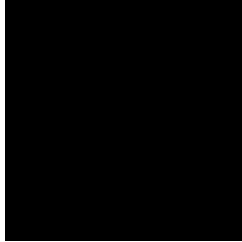
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# HunterLab 99.6170, -5.1574, 5.9841 Background



This preview shows how black text looks on a background with the HunterLab color 99.6170, -5.1574, 5.9841.



# 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

99.6170, -5.1574, 5.9841

### Protanopia

99.6491, -4.9818, 5.5265

### Deuteranopia

99.6491, -4.9818, 5.5265

# Tritanopia

99.5864, -5.1353, 4.9488

# Trichromacy

## Original Color

99.6170, -5.1574, 5.9841

## Protanomaly

99.6491, -4.9818, 5.5265

## Deuteranomaly

99.6491, -4.9818, 5.5265

## Tritanomaly

99.5541, -5.3120, 5.4090

# Monochromacy

## Original Color

99.6170, -5.1574, 5.9841

## 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 99.6170, -5.1574, 5.9841 is called "color". The color property can be set on classes, ids or directly on the HTML element.

```
.text, #text, p{  
    color:rgb(255, 254, 253)  
}
```

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, 254, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 253) }
```

## Border

The CSS property to change the border of an element to HunterLab 99.6170, -5.1574, 5.9841 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, 254, 253) }
```

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

```
.border{ border-color:rgb(255, 254, 253) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
253) }
```



# Background

The CSS property to change the background color of an element to HunterLab 99.6170, -5.1574, 5.9841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 253) }
```

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

```
.background{ background-color: rgb(255,  
254, 253) }
```

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