

# Converting Colors

HunterLab(96.5214, -10.5438,  
7.8050)

Have a look what the booklet for  
HunterLab(96.5214, -10.5438,  
7.8050) contains.

<b>HunterLab(96.4153, -10.4860, 7.5691)</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(96.4153,  
-10.4860, 7.5691)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EEFAF2
RGB	238, 250, 242
RGB Percent	93%, 98%, 95%
CMY	0.0667, 0.0196, 0.0510
CMYK	0.05, 0.00, 0.03, 0.02
HSL	140°, 55%, 96%
HSV	140°, 5%, 98%
XYZ	85.4724, 92.9591, 97.4424
YIQ	245.5000, -4.5840, -5.0320

# Conversions

## Conversions Part 2

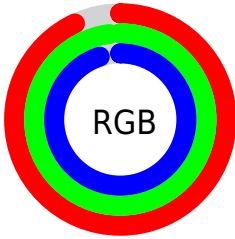
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 247, 250
Decimal	15661810
CIE Lab	97.21, -5.37, 2.46
CIE LCh	97, 5.903, 155.390
Yxy	92.9631, 0.3098, 0.3370
Android (android.graphics.Color)	4293851890 (0xFFEEFAF2)
YUV	245.5000, -1.7255, -6.5775
Hunter-Lab	96.4153, -10.4860, 7.5691

# Details

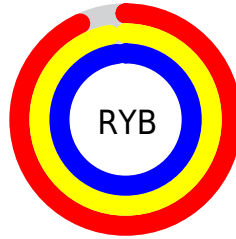
The HunterLab color  $96.4153, -10.4860, 7.5691$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $93.8771, 0.4480, 2.7859$ , and the grayscale version is  $95.7882, -5.1110, 5.2044$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $72.1622, -8.9214, 6.1419$  is the 20% darker color. If you saturate the color by 10%, you get  $93.7952, -20.9076, 12.2511$ , and if you desaturate by 10%, it is  $98.4148, -2.6812, 3.5994$ .

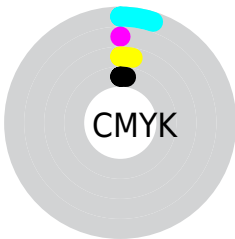
# Distribution



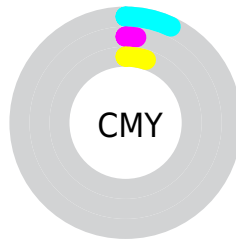
- Red (93%)
- Green (98%)
- Blue (95%)



- Red (93%)
- Yellow (97%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.4153, -10.4860, 7.5691 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 96.4153, -10.4860, 7.5691 by changing the saturation by 10% instead.



96.4153, -10.4860,  
7.5691

96.4153, -10.4860,  
7.5691

231.8670,  
-19.5715, 15.7500

83.9290, -9.5745,  
6.7831

123.0640,  
-12.3733, 9.2226

72.0319, -8.6798,  
6.0224

137.1781,  
-13.3449, 10.0858

60.7571, -7.8037,  
5.2891

151.7941,  
-14.3357, 10.9731

50.1409, -6.9452,  
4.5840

166.8951,  
-15.3455, 11.8837

40.2271, -6.1029,  
3.9077

182.4661,  
-16.3742, 12.8172

31.0695, -5.2740,  
3.2607

198.4934,

22.7368, -4.4539,

-17.4215, 13.7731

2.6432

214.9642,  
-18.4874, 14.7508

■ 15.3203, -3.6335,  
2.0538

■ 8.9358, -3.0946,  
1.6268

■ 96.4153, -10.4860,  
7.5691

■ 96.4153, -10.4860,  
7.5691

■ 93.7952, -20.9076,  
12.2511

■ 98.4148, -2.6812,  
3.5994

■ 91.4620, -30.4830,  
16.8632

■ 89.4241, -39.1106,  
21.3563

■ 87.6846, -46.6992,  
25.6765

■ 86.2419, -53.1782,  
29.7687

■ 85.0893, -58.5059,  
33.5796

■ 84.2141, -62.6778,  
37.0607

■ 83.5962, -65.7344,  
40.1702

■ 83.2061, -67.7715,  
42.8737

# Harmonies

## Analogous

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



96.4174, -8.5640, 9.7397



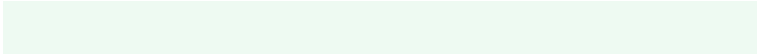
96.4153, -10.4860, 7.5691



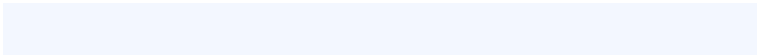
96.4174, -10.9894, 4.7162

# Triad

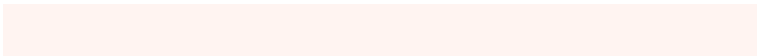
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.4174, -10.4881, 7.5706



96.4174, -4.5914, -0.5453



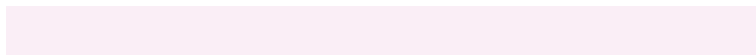
96.4174, -0.2620, 8.4620

# Complementary

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



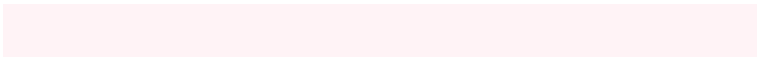
96.4153, -10.4860, 7.5691



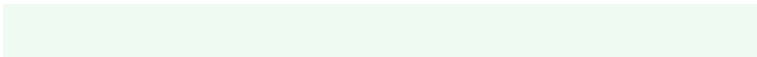
93.8771, 0.4480, 2.7859

# 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.



96.4174, 0.8323, 5.7773



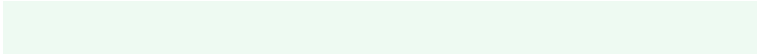
96.4153, -10.4860, 7.5691



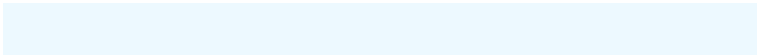
96.4174, -1.6873, 0.5298

# Square

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



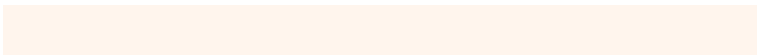
96.4174, -10.4881, 7.5706



96.4174, -7.6096, -0.0288



96.4174, 0.3074, 2.8667

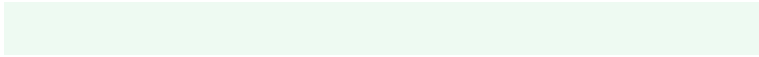


96.4174, -2.6650, 10.2429

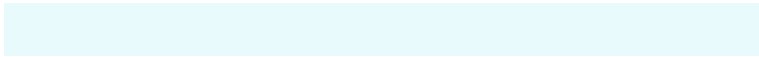


# Rectangle

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



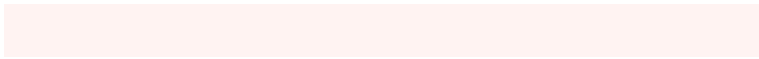
96.4153, -10.4860, 7.5691



96.4174, -10.4547, 2.7952



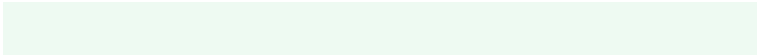
96.4174, 0.3074, 2.8667



96.4174, 0.2724, 7.6386

# Sweetspot

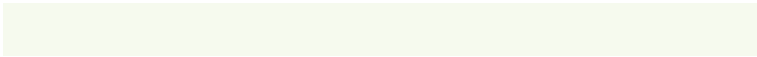
The Sweet Spot groups the original color and five complimentary colors.



96.4174, -10.4881, 7.5706



99.7048, -6.4734, 5.9149



97.0452, -8.5219, 10.2296



46.1348, -2.9689, 2.7255

0.0000, NaN, NaN

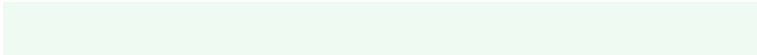


46.2646, -2.4686, 2.5136



# Same Dimension

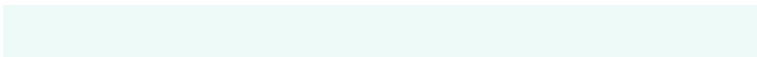
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.4174, -10.4881, 7.5706



98.2716, -12.0525, 8.3215



96.6009, -9.4734, 4.9502



44.4030, -5.7727, 3.9060



60.5176, -49.7846, 31.8288



18.4684, -14.8329, 8.9362



# Inverse Universe

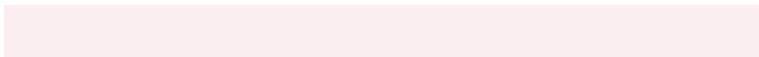
The Inverse Universe completely reimagines the original color for something new.



93.8771, 0.4480, 2.7859



95.0261, 1.9210, 2.2087



93.6901, -0.5669, 5.4523



42.7785, 1.2222, 0.8463



35.0459, 64.3019, -10.5687

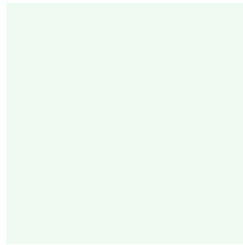


10.7573, 19.8979, -4.4877



# Previews

## White Background



This preview shows how the HunterLab color 96.4153, -10.4860, 7.5691 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

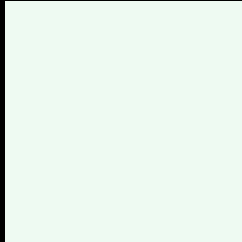
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.4153, -10.4860, 7.5691 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

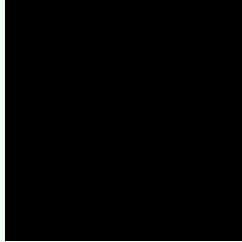
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

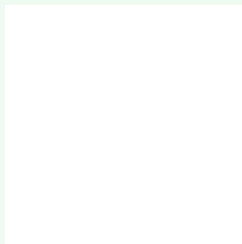
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.4153, -10.4860, 7.5691 Background



This preview shows how black text looks on a background with the HunterLab color 96.4153, -10.4860, 7.5691.



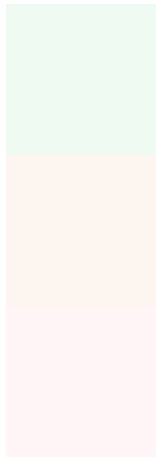
This preview shows how white text looks on a background with the HunterLab color 96.4153,

-10.4860 7.5691.

# 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

96.4153, -10.4860, 7.5691

### Protanopia

96.4808, -3.8266, 8.7237

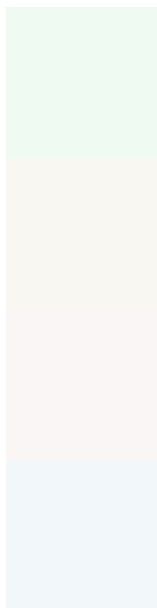
### Deuteranopia

96.2368, -1.0646, 5.5664

## **Tritanopia**

96.5163, -4.3656, 1.2789

# Trichromacy



## Original Color

96.4153, -10.4860, 7.5691

## Protanomaly

96.3477, -5.8532, 8.0556

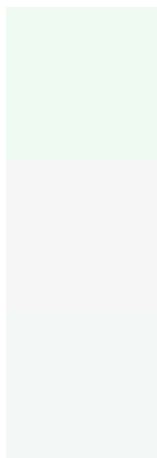
## Deuteranomaly

96.2517, -4.3084, 6.0214

## Tritanomaly

96.3920, -6.7622, 3.6474

# Monochromacy



## Original Color

96.4153, -10.4860, 7.5691

## Achromatopsia

95.9991, -5.1223, 5.2158

## Achromatomaly

96.0046, -6.7998, 5.6886

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.4153, -10.4860, 7.5691 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(238, 250, 242)` looks like.

```
.text, #text, p{  
    color:rgb(238, 250, 242)  
}
```

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(238, 250, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 250, 242) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.4153, -10.4860, 7.5691 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(238, 250, 242) }
```



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

```
.border{ border-color:rgb(238, 250, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 250, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 250, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 250, 242);  
box-shadow:4px 4px 4px 4px rgb(238, 250,  
242) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.4153, -10.4860, 7.5691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 250, 242) }
```

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

```
.background{ background-color: rgb(238,  
250, 242) }
```

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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