

# Converting Colors

HunterLab(90.5250, -12.8104,  
10.7534)

Have a look what the booklet for  
HunterLab(90.5250, -12.8104,  
10.7534) contains.

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# Color

**HunterLab(90.4981,  
-12.9063, 10.7219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEEEDD
RGB	222, 238, 221
RGB Percent	87%, 93%, 87%
CMY	0.1294, 0.0666, 0.1333
CMYK	0.07, 0.00, 0.07, 0.07
HSL	116°, 33%, 90%
HSV	116°, 7%, 93%
XYZ	73.7498, 81.8991, 80.3276
YIQ	231.2780, -4.0790, -8.6790

# Conversions

## Conversions Part 2

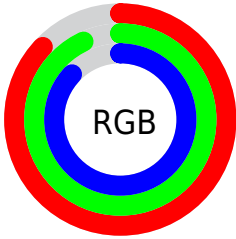
Format	Color
<a href="#">RYB</a>	<a href="#">221, 238, 237</a>
Decimal	<a href="#">14610141</a>
CIELab	<a href="#">92.53, -8.35, 6.41</a>
CIELCh	<a href="#">93, 10.523, 142.501</a>
Yxy	<a href="#">81.9026, 0.3125, 0.3471</a>
Android (android.graphics.Color)	<a href="#">4292800221 (0xFFDEEEDD)</a>
YUV	<a href="#">231.2780, -5.0671, -8.1368</a>
Hunter-Lab	<a href="#">90.4981, -12.9063, 10.7219</a>

# Details

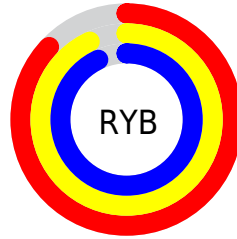
The HunterLab color  $90.4981, -12.9063, 10.7219$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $87.1164, 3.7142, -1.3088$ , and the grayscale version is  $89.5387, -4.7776, 4.8648$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $66.6518, -10.7292, 8.7909$  is the 20% darker color. If you saturate the color by 10%, you get  $87.9869, -23.3486, 18.1319$ , and if you desaturate by 10%, it is  $93.2941, -1.6375, 2.6594$ .

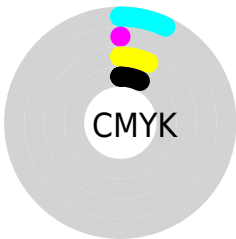
# Distribution



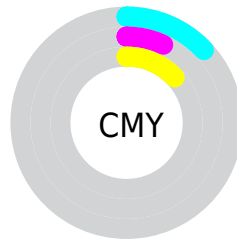
- Red (87%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.4981, -12.9063, 10.7219 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 90.4981, -12.9063, 10.7219 by changing the saturation by 10% instead.



■ 90.4981, -12.9063,  
10.7219

■ 90.4981, -12.9063,  
10.7219

223.9022,  
-22.9689, 20.1518

■ 78.2849, -11.8609,  
9.7654

116.6351,  
-15.0413, 12.6914

■ 66.6749, -10.8244,  
8.8242

130.5081,  
-16.1287, 13.7026

■ 55.7034, -9.7968,  
7.8983

144.8913,  
-17.2307, 14.7320

■ 45.4100, -8.7748,  
6.9859

159.7673,  
-18.3476, 15.7796

■ 35.8427, -7.7537,  
6.0836

175.1201,  
-19.4798, 16.8455

■ 27.0616, -6.7260,  
5.1860

190.9354,

■ 19.1444, -5.6785,

-20.6274, 17.9296

4.2836

207.2002,  
-21.7904, 19.0318

■ 12.1985, -4.5867,  
3.3572

■ 5.2942, -7.1543,  
3.7060

■ 90.4981, -12.9063,  
10.7219

■ 90.4981, -12.9063,  
10.7219

■ 87.9869, -23.3486,  
18.1319

■ 93.2941, -1.6375,  
2.6594

■ 85.7644, -32.8396,  
24.8009

■ 94.6743, 3.7546,  
-0.8447

■ 83.8391, -41.2700,  
30.6526

■ 82.2137, -48.5447,  
35.6238

■ 80.8865, -54.5944,  
39.6722

■ 79.8499, -59.3853,  
42.7839

■ 79.0903, -62.9275,  
44.9802

■ 78.5863, -65.2831,  
46.3245

■ 78.3071, -66.5788,  
46.9391

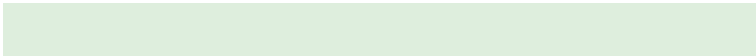
# Harmonies

## Analogous

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



90.5000, -8.7651, 13.5674



90.4981, -12.9063, 10.7219



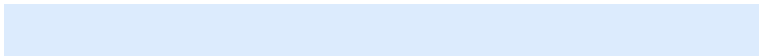
90.5000, -14.8792, 6.2030

# Triad

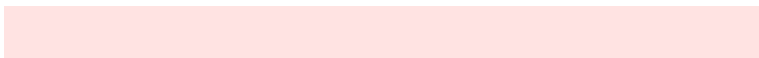
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.5000, -12.9083, 10.7232



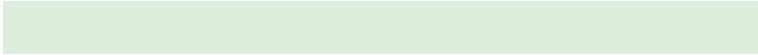
90.5000, -6.1819, -5.4011



90.5000, 4.9393, 8.6177

# Complementary

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



90.4981, -12.9063, 10.7219



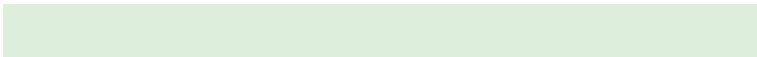
87.1164, 3.7142, -1.3088

# 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.



90.5000, 5.6700, 3.6304



90.4981, -12.9063, 10.7219



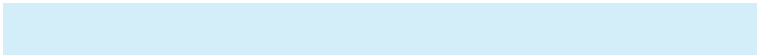
90.5000, -0.8341, -4.6613

# Square

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



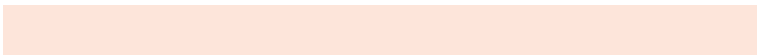
90.5000, -12.9083, 10.7232



90.5000, -11.0552, -3.2478



90.5000, 3.5343, -1.2817



90.5000, 1.5605, 12.4024



# Rectangle

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



90.4981, -12.9063, 10.7219



90.5000, -14.7290, 2.7665



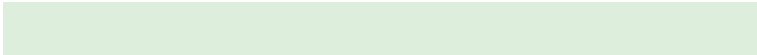
90.5000, 3.5343, -1.2817



90.5000, 5.5059, 7.0339

# Sweetspot

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



90.5000, -12.9083, 10.7232



99.3865, -7.8025, 7.1996



91.5930, -7.1867, 12.0317



45.9947, -3.5536, 3.2907

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

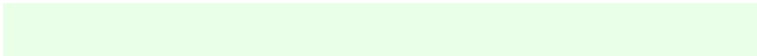


# Same Dimension

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



90.5000, -12.9083, 10.7232



97.3344, -16.1656, 13.1674



90.6348, -11.9850, 7.4477



42.0722, -7.2200, 5.8579



58.4677, -49.8295, 35.1552



16.9096, -14.1765, 10.1714



# Inverse Universe

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



87.1164, 3.7142, -1.3088



92.7181, 6.5173, -3.2519



86.9718, 2.7368, 2.2839



39.9767, 3.0771, -1.5959



35.0800, 69.8927, -53.4326

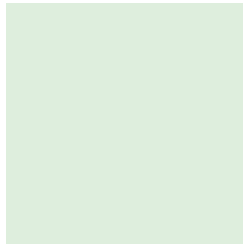


10.1884, 20.2599, -15.2145



# Previews

## White Background



This preview shows how the HunterLab color 90.4981, -12.9063, 10.7219 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

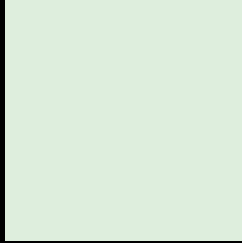
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.4981, -12.9063, 10.7219 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

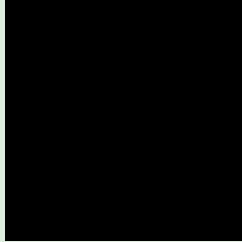
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

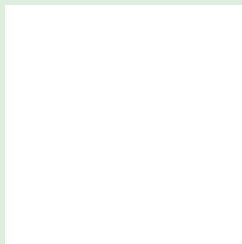
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.4981, -12.9063, 10.7219 Background



This preview shows how black text looks on a background with the HunterLab color 90.4981, -12.9063, 10.7219.



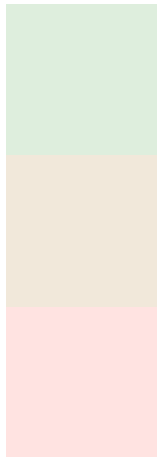
This preview shows how white text looks on a background with the HunterLab color 90.4981,

-12.9063,10.7219.

# 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

90.4981, -12.9063, 10.7219

### Protanopia

90.2640, -4.1355, 11.9792

### Deuteranopia

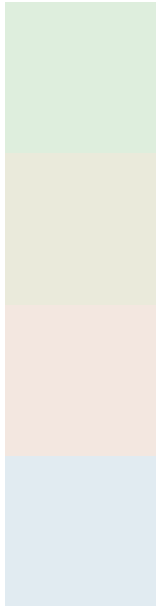
90.3518, 4.4766, 9.0079



## Tritanopia

90.3532, -3.2560, -4.8151

# Trichromacy



## Original Color

90.4981, -12.9063, 10.7219

## Protanomaly

90.2511, -7.3471, 11.4566

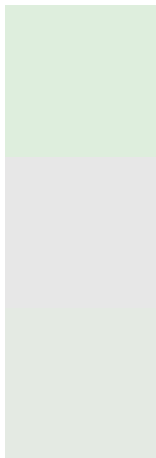
## Deuteranomaly

90.3263, -1.9682, 9.3343

## Tritanomaly

90.4296, -6.9774, 1.0377

# Monochromacy



## Original Color

90.4981, -12.9063, 10.7219

## Achromatopsia

89.3925, -4.7698, 4.8569

## Achromatomaly

89.9365, -7.9723, 7.3696

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.4981, -12.9063, 10.7219 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(222, 238, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 238, 221)  
}
```

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(222, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 238, 221) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.4981, -12.9063, 10.7219 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(222, 238, 221) }
```



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

```
.border{ border-color:rgb(222, 238, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 238, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 238,  
221) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.4981, -12.9063, 10.7219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 238, 221) }
```

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

```
.background{ background-color: rgb(222,  
238, 221) }
```

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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