

# Converting Colors

HunterLab(89.9613, -15.0430,  
13.5359)

Have a look what the booklet for  
HunterLab(89.9613, -15.0430,  
13.5359) contains.

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# Color

**HunterLab(90.0074,  
-15.1248, 13.7301)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBEED5
RGB	219, 238, 213
RGB Percent	86%, 93%, 84%
CMY	0.1412, 0.0666, 0.1647
CMYK	0.08, 0.00, 0.11, 0.07
HSL	106°, 42%, 88%
HSV	106°, 11%, 93%
XYZ	71.7982, 81.0133, 74.8039
YIQ	229.4690, -3.2990, -11.8030

# Conversions

## Conversions Part 2

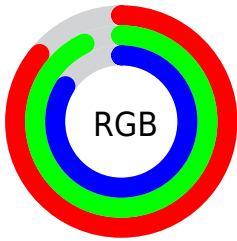
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 238, 232
Decimal	14413525
CIE Lab	92.14, -10.75, 9.97
CIE LCh	92, 14.658, 137.143
Yxy	81.0168, 0.3154, 0.3559
Android (android.graphics.Color)	4292603605 (0xFFDBEED5)
YUV	229.4690, -8.1192, -9.1813
Hunter-Lab	90.0074, -15.1248, 13.7301

# Details

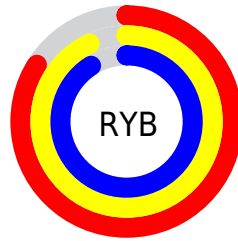
The HunterLab color  $90.0074, -15.1248, 13.7301$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $84.2139, 6.3160, -4.9494$ , and the grayscale version is  $88.7598, -4.7360, 4.8225$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $66.1944, -12.8049, 11.5908$  is the 20% darker color. If you saturate the color by 10%, you get  $87.8865, -24.1266, 21.1765$ , and if you desaturate by 10%, it is  $92.3447, -5.4403, 5.4626$ .

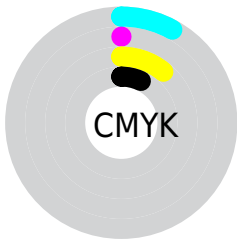
# Distribution



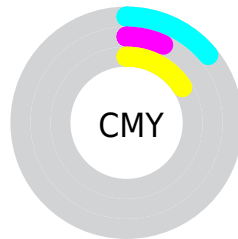
- Red (86%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.0074, -15.1248, 13.7301 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 90.0074, -15.1248, 13.7301 by changing the saturation by 10% instead.



■ 90.0074, -15.1248,  
13.7301

■ 90.0074, -15.1248,  
13.7301

223.2382,  
-26.0397, 24.4044

■ 77.8174, -13.9637,  
12.6029

116.1010,  
-17.4750, 16.0156

■ 66.2318, -12.8048,  
11.4806

129.9536,  
-18.6631, 17.1743

■ 55.2861, -11.6468,  
10.3611

144.3171,  
-19.8621, 18.3453

■ 45.0203, -10.4848,  
9.2397

159.1740,  
-21.0726, 19.5294

■ 35.4827, -9.3115,  
8.1090

174.5084,  
-22.2952, 20.7270

■ 26.7338, -8.1156,  
6.9573

190.3059,

■ 18.8525, -6.8778,

-23.5304, 21.9386

5.7651

206.5532,  
-24.7784, 23.1643

■ 11.9476, -5.5622,  
4.5609

■ 4.8664, -8.5162,  
3.4065

■ 90.0074, -15.1248,  
13.7301

■ 90.0074, -15.1248,  
13.7301

■ 87.8865, -24.1266,  
21.1765

■ 92.3447, -5.4403,  
5.4626

■ 85.9820, -32.3633,  
27.7364

■ 94.6744, 3.7545,  
-0.8447

■ 84.2994, -39.7670,  
33.3602

■ 82.8405, -46.2779,  
38.0134

■ 81.6043, -51.8520,  
41.6826

■ 80.5864, -56.4660,  
44.3811

■ 79.7792, -60.1223,  
46.1554

■ 79.1705, -62.8546,  
47.0928

■ 78.7562, -64.6846,  
47.3968

# Harmonies

## Analogous

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



90.0093, -9.0148, 17.0361



90.0074, -15.1248, 13.7301



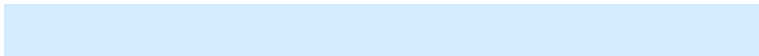
90.0093, -18.4268, 7.8959

# Triad

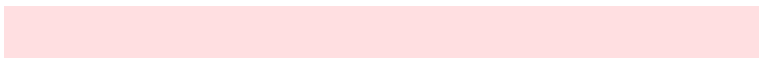
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0093, -15.1268, 13.7313



90.0093, -7.9908, -9.5119



90.0093, 9.3769, 8.8462

# Complementary

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



90.0074, -15.1248, 13.7301



84.2139, 6.3160, -4.9494

# 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.



90.0093, 9.6730, 1.7963



90.0074, -15.1248, 13.7301



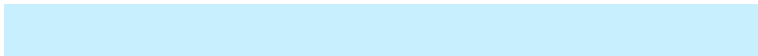
90.0093, -0.5214, -9.2048

# Square

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



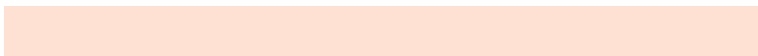
90.0093, -15.1268, 13.7313



90.0093, -14.3983, -5.7370



90.0093, 5.9988, -4.9293



90.0093, 5.2025, 14.3779



# Rectangle

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



90.0074, -15.1248, 13.7301



90.0093, -18.6610, 3.1785



90.0093, 5.9988, -4.9293



90.0093, 9.9380, 6.5871

# Sweetspot

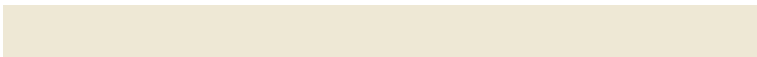
The Sweet Spot groups the original color and five complimentary colors.



90.0093, -15.1268, 13.7313



99.2123, -8.5734, 8.2278



89.7538, -5.8034, 13.6191



45.8044, -4.3620, 4.1462

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

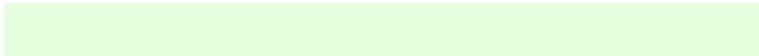


# Same Dimension

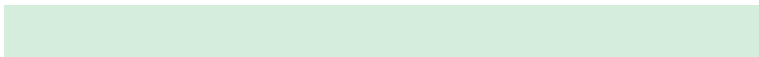
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0093, -15.1268, 13.7313



96.7349, -18.9077, 16.9845



89.6809, -15.9485, 10.5593



42.2368, -6.6294, 6.0473



58.8657, -48.1344, 35.4301



17.1089, -13.3324, 10.3090



# Inverse Universe

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



84.2139, 6.3160, -4.9494



88.9750, 9.8149, -8.0457



84.6049, 7.1962, -1.1138



39.7860, 2.4372, -1.8506



29.9669, 62.8114, -69.7210

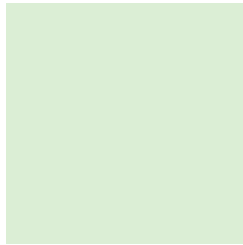


8.9013, 18.4624, -19.1979



# Previews

## White Background



This preview shows how the HunterLab color 90.0074, -15.1248, 13.7301 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 90.0074, -15.1248, 13.7301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

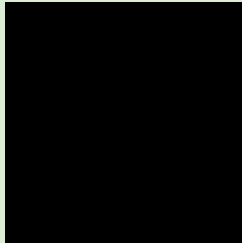
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

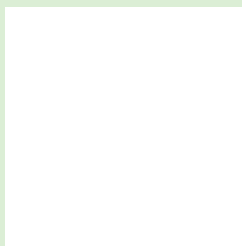
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.0074, -15.1248, 13.7301 Background



This preview shows how black text looks on a background with the HunterLab color 90.0074, -15.1248, 13.7301.



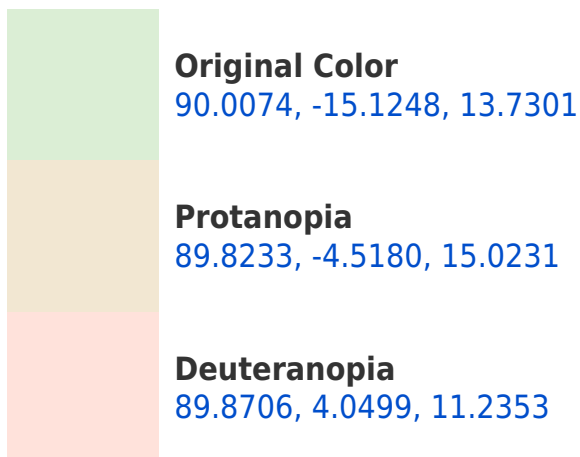
This preview shows how white text looks on a background with the HunterLab color 90.0074,

-15.1248,13.7301.

# 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

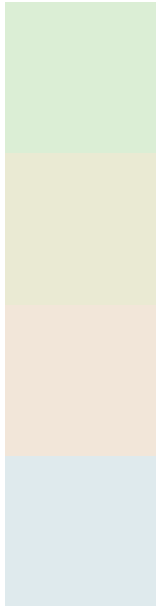




## Tritanopia

89.8253, -3.5436, -4.9536

# Trichromacy



## Original Color

90.0074, -15.1248, 13.7301

## Protanomaly

90.0229, -8.6051, 14.7322

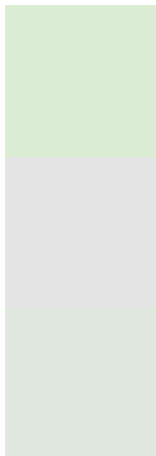
## Deuteranomaly

89.7110, -2.9118, 11.8433

## Tritanomaly

89.8043, -7.8043, 2.3035

# Monochromacy



## Original Color

90.0074, -15.1248, 13.7301

## Achromatopsia

88.5177, -4.7231, 4.8093

## Achromatomaly

88.9092, -8.5753, 8.0805

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.0074, -15.1248, 13.7301 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(219, 238, 213)` looks like.

```
.text, #text, p{  
    color:rgb(219, 238, 213)  
}
```

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(219, 238, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 238, 213) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.0074, -15.1248, 13.7301 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(219, 238, 213) }
```



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

```
.border{ border-color:rgb(219, 238, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 238, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 238, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 238, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 238,  
213) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.0074, -15.1248, 13.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 238, 213) }
```

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

```
.background{ background-color: rgb(219,  
238, 213) }
```

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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