

# Converting Colors

HunterLab(90.7331, -12.9377,  
8.5895)

Have a look what the booklet for  
HunterLab(90.7331, -12.9377,  
8.5895) contains.

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# **Color**

**HunterLab(90.7963,  
-13.1993, 8.7328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCEFE2
RGB	220, 239, 226
RGB Percent	86%, 94%, 89%
CMY	0.1372, 0.0627, 0.1137
CMYK	0.08, 0.00, 0.05, 0.06
HSL	139°, 37%, 90%
HSV	139°, 8%, 94%
XYZ	74.1092, 82.4397, 83.9580
YIQ	231.8370, -7.1510, -8.0710

# Conversions

## Conversions Part 2

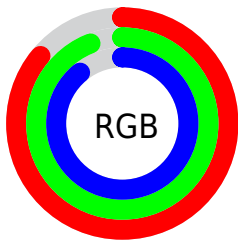
Format	Color
R <sub>Y</sub> B	220, 234, 239
Decimal	14479330
CIE Lab	92.77, -8.63, 4.13
CIE LCh	93, 9.570, 154.405
Yxy	82.4432, 0.3081, 0.3428
Android (android.graphics.Color)	4292669410 (0xFFDCEFE2)
YUV	231.8370, -2.8776, -10.3810
Hunter-Lab	90.7963, -13.1993, 8.7328

# Details

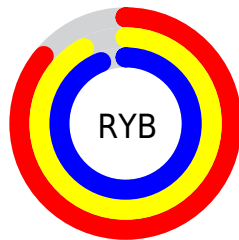
The HunterLab color **90.7963, -13.1993, 8.7328** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.8461, 4.0228, 0.9518**, and the grayscale version is **89.7753, -4.7902, 4.8777**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **66.9377, -11.0048, 6.9279** is the 20% darker color. If you saturate the color by 10%, you get **88.3862, -22.9037, 13.3155**, and if you desaturate by 10%, it is **93.4794, -2.7643, 4.0947**.

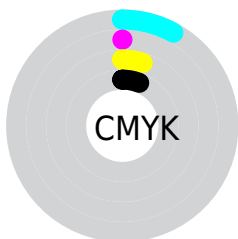
# Distribution



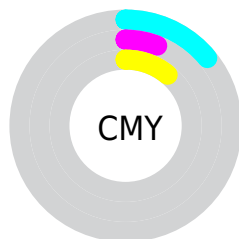
- Red (86%)
- Green (94%)
- Blue (89%)



- Red (86%)
- Yellow (92%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.7963, -13.1993, 8.7328 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 90.7963, -13.1993, 8.7328 by changing the saturation by 10% instead.



■ 90.7963, -13.1993,  
8.7328

■ 90.7963, -13.1993,  
8.7328

224.3054,  
-23.3653, 17.3870

■ 78.5690, -12.1400,  
7.8818

116.9595,  
-15.3602, 10.5063

■ 66.9442, -11.0890,  
7.0523

130.8449,  
-16.4597, 11.4257

■ 55.9571, -10.0459,  
6.2454

145.2401,  
-17.5734, 12.3668

■ 45.6470, -9.0075,  
5.4609

160.1276,  
-18.7018, 13.3294

■ 36.0618, -7.9688,  
4.6978

175.4916,  
-19.8450, 14.3130

■ 27.2611, -6.9219,  
3.9542

191.3178,

■ 19.3223, -5.8533,

-21.0032, 15.3174

3.2260

207.5931,  
-22.1766, 16.3422

■ 12.3517, -4.7376,  
2.5045

■ 5.5378, -7.0868,  
3.3960

■ 90.7963, -13.1993,  
8.7328

■ 90.7963, -13.1993,  
8.7328

■ 88.3862, -22.9037,  
13.3155

■ 93.4794, -2.7643,  
4.0947

■ 86.2513, -31.7682,  
17.7923

■ 94.9822, 3.2152,  
-0.4724

■ 84.3991, -39.6985,  
22.1135

■ 82.8310, -46.6121,  
26.2260

■ 81.5443, -52.4489,  
30.0773

■ 80.5311, -57.1788,  
33.6179

■ 79.7773, -60.8096,  
36.8048

■ 79.2614, -63.3942,  
39.6024

■ 78.9491, -65.0556,  
41.9808

# Harmonies

## Analogous

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



90.7982, -10.1183, 12.0386



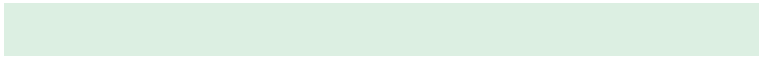
90.7963, -13.1993, 8.7328



90.7982, -14.0646, 4.2505

# Triad

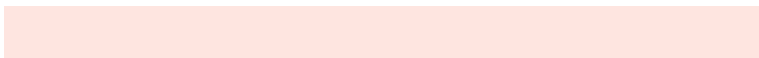
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.7982, -13.2013, 8.7341



90.7982, -4.1240, -4.4673



90.7982, 3.0650, 9.8678

# Complementary

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



90.7963, -13.1993, 8.7328



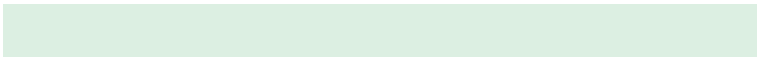
86.8461, 4.0228, 0.9518

# 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.



90.7982, 4.7482, 5.6288



90.7963, -13.1993, 8.7328



90.7982, 0.5420, -2.7773

# Square

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



90.7982, -13.2013, 8.7341



90.7982, -8.8889, -3.5285



90.7982, 3.8152, 0.9797



90.7982, -0.7384, 12.6684



# Rectangle

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



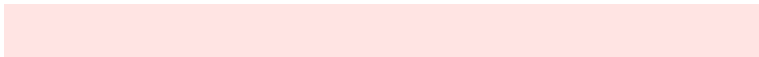
90.7963, -13.1993, 8.7328



90.7982, -13.2811, 1.1561



90.7982, 3.8152, 0.9797



90.7982, 3.9011, 8.5723

# Sweetspot

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



90.7982, -13.2013, 8.7341



99.4096, -7.6195, 6.4371



91.8033, -9.9857, 12.6635



46.0049, -3.4731, 2.9551

0.0000, NaN, NaN

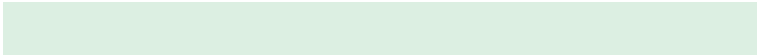


46.2646, -2.4686, 2.5136

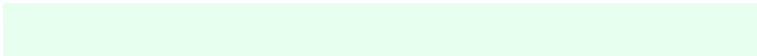


# Same Dimension

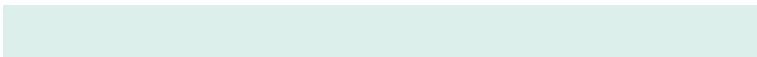
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.7982, -13.2013, 8.7341



97.1633, -16.4538, 10.4350



91.0835, -11.6146, 4.6587



42.1172, -6.8629, 4.3967



58.6687, -48.4515, 31.2620



16.9729, -13.6553, 8.2633



# Inverse Universe

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



86.8461, 4.0228, 0.9518



91.8085, 6.8889, -0.1084



86.5506, 2.4307, 5.1616



39.9268, 2.6849, 0.0838



34.1143, 62.8095, -11.9684

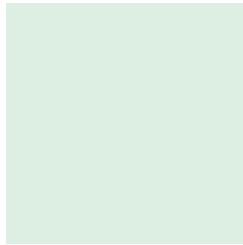


9.9302, 18.4403, -4.7034



# Previews

## White Background



This preview shows how the HunterLab color 90.7963, -13.1993, 8.7328 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 90.7963, -13.1993, 8.7328 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

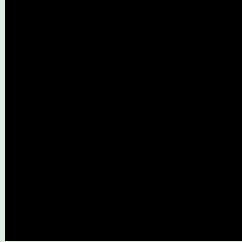
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

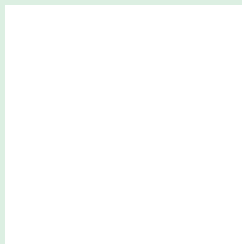
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.7963, -13.1993, 8.7328 Background



This preview shows how black text looks on a background with the HunterLab color 90.7963, -13.1993, 8.7328.



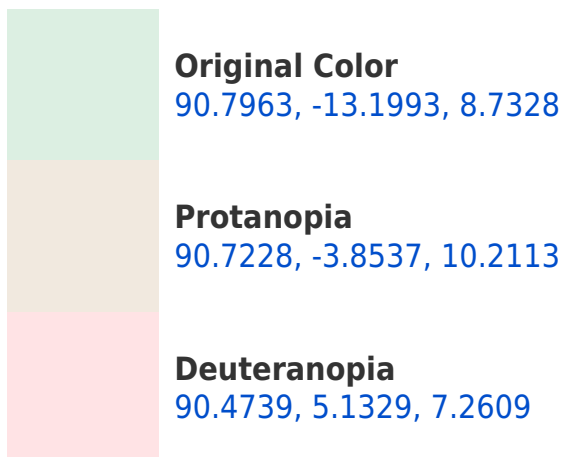
This preview shows how white text looks on a background with the HunterLab color 90.7963,

-13.1993, 8.7328.

# 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

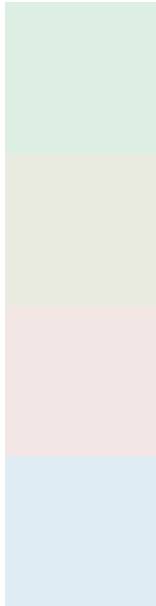




## Tritanopia

90.7853, -4.8475, -5.3800

# Trichromacy



## Original Color

90.7963, -13.1993, 8.7328

## Protanomaly

90.6213, -7.3761, 9.5721

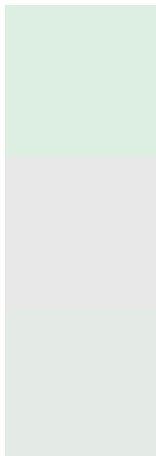
## Deuteranomaly

90.3496, -1.6447, 7.4778

## Tritanomaly

90.6700, -7.5647, -0.2288

# Monochromacy



## Original Color

90.7963, -13.1993, 8.7328

## Achromatopsia

89.8305, -4.7931, 4.8807

## Achromatomaly

90.3459, -7.9764, 6.4019

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.7963, -13.1993, 8.7328 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(220, 239, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 226)  
}
```

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(220, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.7963, -13.1993, 8.7328 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(220, 239, 226) }
```



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

```
.border{ border-color:rgb(220, 239, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 239, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 239, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 239, 226); box-shadow:4px 4px 4px 4px rgb(220, 239, 226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.7963, -13.1993, 8.7328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 226) }
```

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

```
.background{ background-color: rgb(220,  
239, 226) }
```

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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