

# Converting Colors

HunterLab(90.5300, -15.6670,  
7.1441)

Have a look what the booklet for  
HunterLab(90.5300, -15.6670,  
7.1441) contains.

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# Color

**HunterLab(90.5397,  
-15.6000, 6.9738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4F0E5
RGB	212, 240, 229
RGB Percent	83%, 94%, 90%
CMY	0.1686, 0.0588, 0.1020
CMYK	0.12, 0.00, 0.05, 0.06
HSL	156°, 48%, 89%
HSV	156°, 12%, 94%
XYZ	72.4543, 81.9744, 86.1326
YIQ	230.3740, -13.1570, -9.3570

# Conversions

## Conversions Part 2

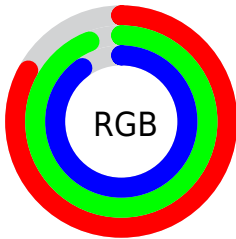
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	212, 229, 240
Decimal	13955301
CIE Lab	92.57, -11.20, 2.21
CIE LCh	93, 11.414, 168.832
Yxy	81.9778, 0.3012, 0.3408
Android (android.graphics.Color)	4292145381 (0xFFD4F0E5)
YUV	230.3740, -0.6774, -16.1140
Hunter-Lab	90.5397, -15.6000, 6.9738

# Details

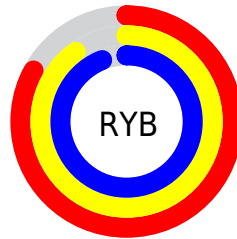
The HunterLab color **90.5397, -15.6000, 6.9738** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84.2271, 6.8874, 2.8754**, and the grayscale version is **89.1272, -4.7556, 4.8425**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **66.7121, -13.2374, 5.2867** is the 20% darker color. If you saturate the color by 10%, you get **88.4078, -23.9548, 8.8474**, and if you desaturate by 10%, it is **92.9274, -6.5522, 5.3248**.

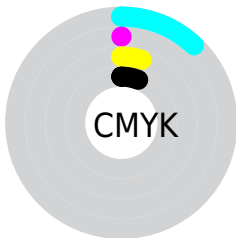
# Distribution



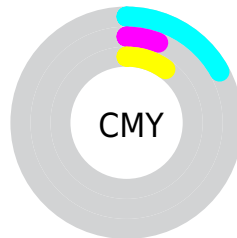
- Red (83%)
- Green (94%)
- Blue (90%)



- Red (83%)
- Yellow (90%)
- Blue (94%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (17%)
- Magenta (6%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.5397, -15.6000, 6.9738 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 90.5397, -15.6000, 6.9738 by changing the saturation by 10% instead.



90.5397, -15.6000,  
6.9738

90.5397, -15.6000,  
6.9738

223.9584,  
-26.6814, 14.9735

78.3245, -14.4164,  
6.2112

116.6803,  
-17.9917, 8.5826

66.7124, -13.2341,  
5.4750

130.5550,  
-19.1994, 9.4247

55.7388, -12.0514,  
4.7673

144.9399,  
-20.4173, 10.2914

45.4430, -10.8630,  
4.0889

159.8175,  
-21.6462, 11.1821

35.8733, -9.6615,  
3.4408

175.1719,  
-22.8865, 12.0962

27.0894, -8.4350,  
2.8235

190.9887,

19.1692, -7.1636,

-24.1390, 13.0331

2.2372

207.2549,  
-25.4038, 13.9924

■ 12.2199, -5.8104,  
1.6805

■ 5.3289, -9.3255,  
2.0098

■ 90.5397, -15.6000,  
6.9738

■ 90.5397, -15.6000,  
6.9738

■ 88.4078, -23.9548,  
8.8474

■ 92.9274, -6.5522,  
5.3248

■ 86.5309, -31.5324,  
10.9273

■ 95.0537, 1.3956,  
3.2720

■ 84.9130, -38.2655,  
13.1942

■ 95.2908, 2.6765,  
-0.1005

■ 83.5525, -44.1004,  
15.6213

■ 82.4437, -49.0050,  
18.1757

■ 81.5762, -52.9747,  
20.8195

■ 80.9337, -56.0382,  
23.5105

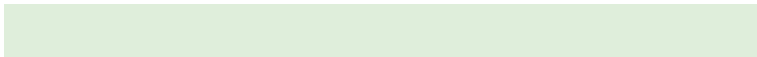
■ 80.4924, -58.2652,  
26.2026

■ 80.2429, -59.6169,  
28.3992

# Harmonies

## Analogous

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



90.5416, -13.1432, 11.6884



90.5397, -15.6000, 6.9738



90.5416, -15.2310, 1.4085

# Triad

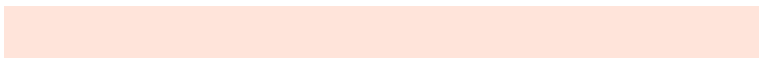
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.5416, -15.6018, 6.9751



90.5416, -1.1789, -5.7873



90.5416, 2.6828, 12.6139

# Complementary

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



90.5397, -15.6000, 6.9738



84.2271, 6.8874, 2.8754

# 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.



90.5416, 6.0504, 8.3125



90.5397, -15.6000, 6.9738



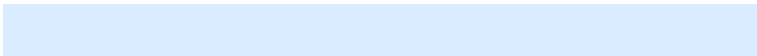
90.5416, 3.7820, -2.3967

# Square

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



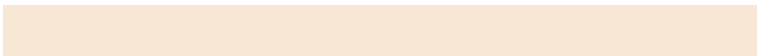
90.5416, -15.6018, 6.9751



90.5416, -7.0028, -6.2020



90.5416, 6.4577, 2.8328



90.5416, -2.6485, 14.8037

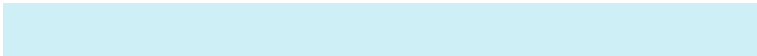


# Rectangle

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



90.5397, -15.6000, 6.9738



90.5416, -13.4268, -2.0360



90.5416, 6.4577, 2.8328



90.5416, 4.0878, 11.3801

# Sweetspot

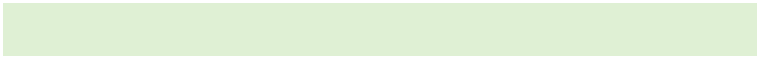
The Sweet Spot groups the original color and five complimentary colors.



90.5416, -15.6018, 6.9751



98.9247, -9.3548, 6.0969



90.9929, -14.9756, 15.2207



45.6758, -4.6721, 2.8805

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

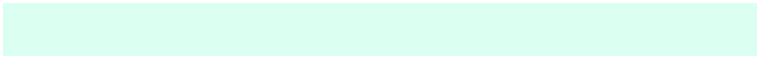


# Same Dimension

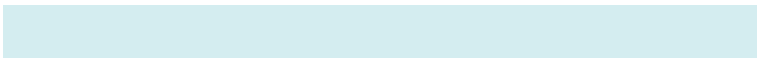
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.5416, -15.6018, 6.9751



96.4240, -18.9119, 7.9279



89.9867, -12.2267, 0.9162



42.2109, -6.3400, 3.0572



59.3909, -43.9682, 20.6813



17.1868, -12.3320, 5.1391



# Inverse Universe

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



84.2271, 6.8874, 2.8754



88.3072, 10.0100, 2.6655



84.7230, 3.5785, 8.6784



39.8268, 2.1482, 1.5077



32.5742, 57.2263, 9.8701

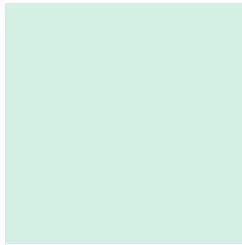


9.4960, 16.8739, 1.3936



# Previews

## White Background



This preview shows how the HunterLab color 90.5397, -15.6000, 6.9738 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

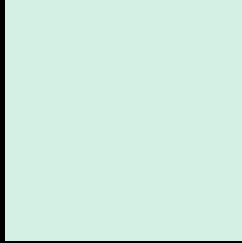
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.5397, -15.6000, 6.9738 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

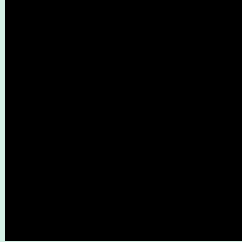
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

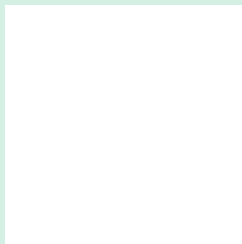
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.5397, -15.6000, 6.9738 Background



This preview shows how black text looks on a background with the HunterLab color 90.5397, -15.6000, 6.9738.



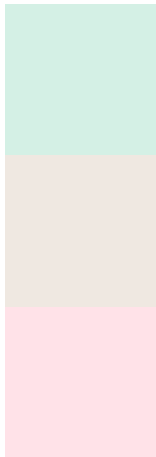
This preview shows how white text looks on a background with the HunterLab color 90.5397,

-15.6000, 6.9738.

# 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

90.5397, -15.6000, 6.9738

### Protanopia

90.2775, -3.6743, 8.7810

### Deuteranopia

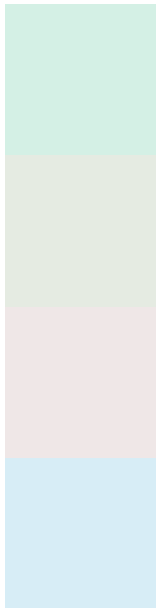
90.2657, 6.1709, 5.5837



## Tritanopia

90.4488, -7.5809, -6.4148

# Trichromacy



## Original Color

90.5397, -15.6000, 6.9738

## Protanomaly

90.3137, -8.3355, 8.2696

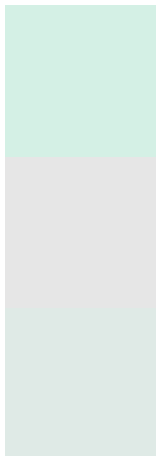
## Deuteranomaly

90.1510, -2.1427, 5.7921

## Tritanomaly

90.3711, -10.1225, -1.6932

# Monochromacy



## Original Color

90.5397, -15.6000, 6.9738

## Achromatopsia

88.9549, -4.7464, 4.8331

## Achromatomaly

89.5806, -9.0388, 5.4919

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.5397, -15.6000, 6.9738 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(212, 240, 229)` looks like.

```
.text, #text, p{  
    color:rgb(212, 240, 229)  
}
```

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(212, 240, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 240, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.5397, -15.6000, 6.9738 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(212, 240, 229) }
```



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

```
.border{ border-color:rgb(212, 240, 229) }
```

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

Here you see how a box with a 4 pixel rgb(212, 240, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 240, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 240, 229);  
box-shadow:4px 4px 4px 4px rgb(212, 240,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.5397, -15.6000, 6.9738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 240, 229) }
```

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

```
.background{ background-color: rgb(212,  
240, 229) }
```

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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