

# Converting Colors

HunterLab(94.3518, -13.3478,  
-17.0506)

Have a look what the booklet for  
HunterLab(94.3518, -13.3478,  
-17.0506) contains.

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# Color

**HunterLab(93.3346,  
-18.9842, -2.9188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7F9FF
RGB	199, 249, 255
RGB Percent	78%, 98%, 100%
CMY	0.2196, 0.0235, 0.0000
CMYK	0.22, 0.02, 0.00, 0.00
HSL	186°, 100%, 89%
HSV	186°, 22%, 100%
XYZ	75.4789, 87.1135, 107.4442
YIQ	234.7340, -31.7260, -8.7340

# Conversions

## Conversions Part 2

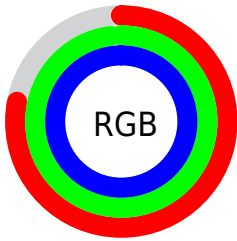
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 225, 255
Decimal	13105663
CIELab	94.79, -14.51, -8.10
CIELCh	95, 16.619, 209.178
Yxy	87.1169, 0.2795, 0.3226
Android (android.graphics.Color)	4291295743 (0xFFC7F9FF)
YUV	234.7340, 9.9911, -31.3387
Hunter-Lab	93.3346, -18.9842, -2.9188

# Details

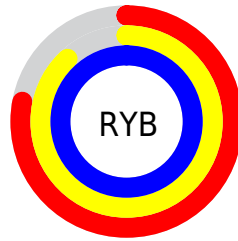
The HunterLab color  $93.3346, -18.9842, -2.9188$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $83.0935, 12.2200, 12.8603$ , and the grayscale version is  $90.9989, -4.8555, 4.9441$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $69.3876, -16.5612, -3.1848$  is the 20% darker color. If you saturate the color by 10%, you get  $90.6866, -24.0008, -6.3931$ , and if you desaturate by 10%, it is  $96.2300, -13.1936, 0.7751$ .

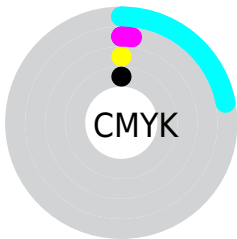
# Distribution



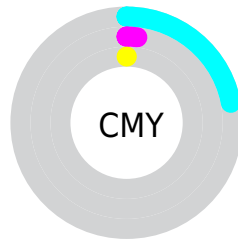
- Red (78%)
- Green (98%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- Blue (100%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 93.3346, -18.9842, -2.9188 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 93.3346, -18.9842, -2.9188 by changing the saturation by 10% instead.



93.3346, -18.9842,  
-2.9188

93.3346, -18.9842,  
-2.9188

227.7294,  
-31.2721, 1.8306

80.9889, -17.6390,  
-3.2508

119.7193,  
-21.6779, -2.1168

69.2396, -16.2868,  
-3.5373

133.7090,  
-23.0279, -1.6567

58.1209, -14.9243,  
-3.7719

148.2049,  
-24.3829, -1.1593

47.6707, -13.5446,  
-3.9497

163.1897,  
-25.7444, -0.6265

37.9348, -12.1374,  
-4.0648

178.6481,  
-27.1132, -0.0597

28.9703, -10.6873,  
-4.1094

194.5660,

20.8502, -9.1692,

-28.4904, 0.5396

-4.0738

210.9304,  
-29.8765, 1.1701

■ 13.6736, -7.5381,  
-3.9459

■ 7.2804, -9.0734,  
-4.3089

■ 93.3346, -18.9842,  
-2.9188

■ 93.3346, -18.9842,  
-2.9188

■ 90.6866, -24.0008,  
-6.3931

■ 96.2300, -13.1936,  
0.7751

■ 88.2859, -28.1815,  
-9.6276

■ 99.3598, -6.6883,  
4.6536

■ 86.1368, -31.4835,  
-12.5949

100.0000, -5.3358,  
5.4332

■ 84.2378, -33.8815,  
-15.2750

■ 82.5825, -35.3745,  
-17.6558

■ 81.1582, -35.9941,  
-19.7364

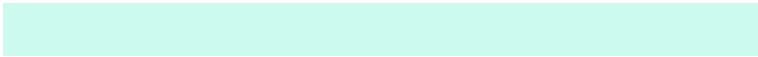
■ 79.9432, -35.8139,  
-21.5324

■ 79.0833, -35.2213,  
-22.8147

# Harmonies

## Analogous

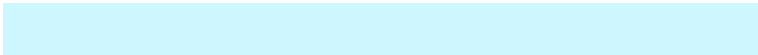
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3364, -20.9476, 5.3060



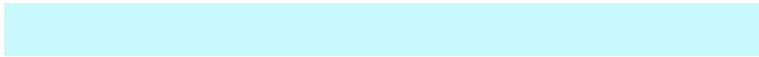
93.3346, -18.9842, -2.9188



93.3364, -13.3060, -9.4594

# Triad

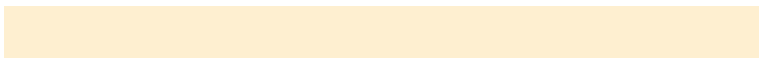
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3364, -18.9859, -2.9165



93.3364, 9.6409, -3.3422



93.3364, -4.7478, 19.4777

# Complementary

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



93.3346, -18.9842, -2.9188



83.0935, 12.2200, 12.8603

# 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.



93.3364, 3.6378, 17.6024



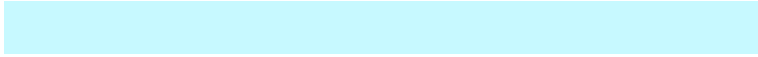
93.3346, -18.9842, -2.9188



93.3364, 12.1277, 4.8545

# Square

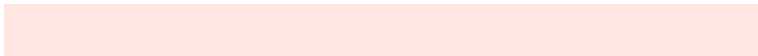
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.3364, -18.9859, -2.9165



93.3364, 3.2123, -9.7205



93.3364, 9.8927, 12.4272



93.3364, -12.9092, 17.7954

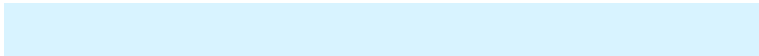


# Rectangle

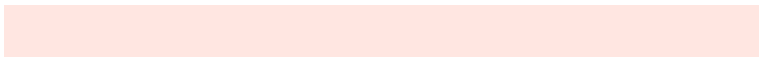
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.3346, -18.9842, -2.9188



93.3364, -8.0692, -11.7245



93.3364, 9.8927, 12.4272



93.3364, -1.8606, 19.2454

# Sweetspot

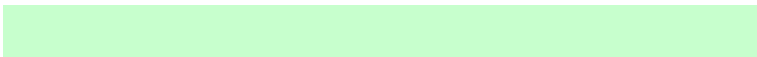
The Sweet Spot groups the original color and five complimentary colors.



93.3364, -18.9859, -2.9165



97.7533, -10.0521, 2.6770



93.8355, -30.5108, 20.9515



45.1380, -4.8317, 1.1303

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



93.3364, -18.9859, -2.9165



92.2361, -21.1091, -4.3486



84.4321, -4.9120, -14.4949



44.8660, -5.3944, 0.7916



57.2830, -25.6085, -16.3174



18.1278, -8.3106, -4.7179



# Inverse Universe

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



83.0349, 24.0071, -12.4107



80.1857, 29.5277, -15.6787



91.3432, -2.3932, 21.1701



42.7374, 3.3296, -1.0541



37.4707, 71.9934, -36.4356

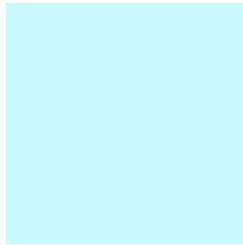


11.7315, 22.6022, -11.8890



# Previews

## White Background



This preview shows how the HunterLab color 93.3346, -18.9842, -2.9188 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

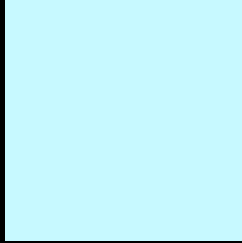
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 93.3346, -18.9842, -2.9188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

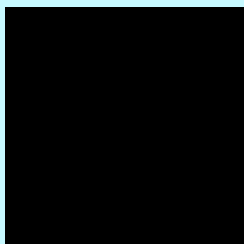
Any Text WCAG AA ✓ Pass

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 93.3346, -18.9842, -2.9188 Background



This preview shows how black text looks on a background with the HunterLab color 93.3346, -18.9842, -2.9188.



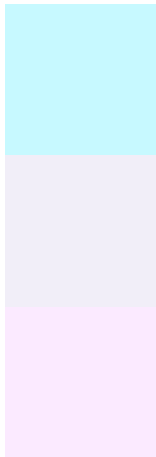
This preview shows how white text looks on a background with the HunterLab color 93.3346,

-18.9842, -2.9188.

# 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

93.3346, -18.9842, -2.9188

### Protanopia

93.0737, -2.1770, 0.7415

### Deuteranopia

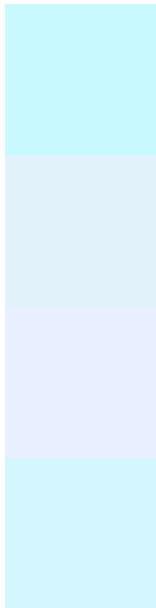
93.0456, 4.5642, -2.8712



## Tritanopia

93.2638, -10.8363, -2.8653

# Trichromacy



## Original Color

93.3346, -18.9842, -2.9188

## Protanomaly

93.0796, -8.4581, -0.9282

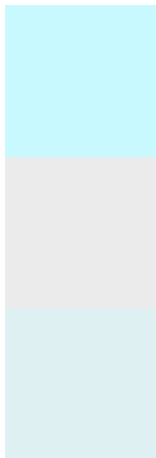
## Deuteranomaly

92.7948, -4.2804, -3.3435

## Tritanomaly

93.3427, -13.8892, -2.8194

# Monochromacy



## Original Color

93.3346, -18.9842, -2.9188

## Achromatopsia

91.1466, -4.8634, 4.9522

## Achromatomaly

91.7936, -10.3007, 2.1235

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 93.3346, -18.9842, -2.9188 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(199, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 249, 255)  
}
```

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(199, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 249, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 93.3346, -18.9842, -2.9188 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(199, 249, 255) }
```



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

```
.border{ border-color:rgb(199, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 249,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 93.3346, -18.9842, -2.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 249, 255) }
```

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

```
.background{ background-color: rgb(199,  
249, 255) }
```

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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