

# Converting Colors

HunterLab(89.0096, -6.5222,  
-8.2859)

Have a look what the booklet for  
HunterLab(89.0096, -6.5222,  
-8.2859) contains.

<b>HunterLab(88.9266, -6.3863, -8.3935)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(88.9266, -6.3863,  
-8.3935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5E8FF
RGB	213, 232, 255
RGB Percent	84%, 91%, 100%
CMY	0.1647, 0.0902, 0.0000
CMYK	0.16, 0.09, 0.00, 0.00
HSL	213°, 100%, 92%
HSV	213°, 16%, 100%
XYZ	74.3472, 79.0794, 105.9532
YIQ	228.9410, -18.7070, 3.1250

# Conversions

## Conversions Part 2

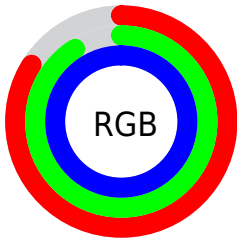
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 226, 255
Decimal	14018815
CIE Lab	91.27, -1.68, -13.24
CIE LCh	91, 13.345, 262.769
Yxy	79.0826, 0.2866, 0.3049
Android (android.graphics.Color)	4292208895 (0xFFD5E8FF)
YUV	228.9410, 12.8471, -13.9803
Hunter-Lab	88.9266, -6.3863, -8.3935

# Details

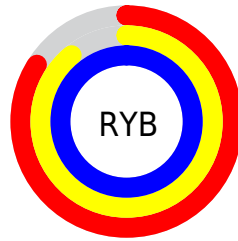
The HunterLab color  $88.9266, -6.3863, -8.3935$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $92.7652, -2.1572, 16.8882$ , and the grayscale version is  $88.4450, -4.7192, 4.8054$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $65.1130, -4.7885, -8.6098$  is the 20% darker color. If you saturate the color by 10%, you get  $82.4702, -6.3429, -17.3093$ , and if you desaturate by 10%, it is  $95.5907, -5.8998, 0.1189$ .

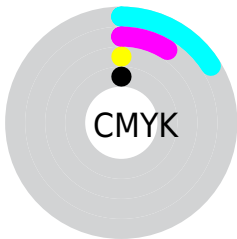
# Distribution



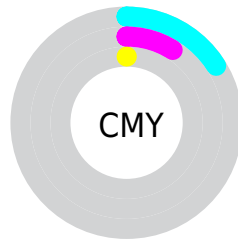
- Red (84%)
- Green (91%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.9266, -6.3863, -8.3935 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 88.9266, -6.3863, -8.3935 by changing the saturation by 10% instead.



■ 88.9266, -6.3863,  
-8.3935

■ 88.9266, -6.3863,  
-8.3935

221.7737,  
-14.0707, -5.3057

■ 76.7878, -5.6609,  
-8.5109

114.9239, -7.9238,  
-7.9992

■ 65.2563, -4.9620,  
-8.5747

128.7313, -8.7305,  
-7.7334

■ 54.3680, -4.2924,  
-8.5781

143.0513, -9.5621,  
-7.4246

■ 44.1632, -3.6535,  
-8.5156

157.8660,  
-10.4179, -7.0749

■ 34.6914, -3.0463,  
-8.3813

173.1596,  
-11.2972, -6.6866

■ 26.0144, -2.4721,  
-8.1691

188.9174,

■ 18.2130, -1.9319,

-12.1995, -6.2612

-7.8754

205.1261,  
-13.1242, -5.8004

■ 11.3993, -1.4262,  
-7.5100

■ 3.7520, -2.1513,  
-14.4944

■ 88.9266, -6.3863,  
-8.3935

■ 88.9266, -6.3863,  
-8.3935

■ 82.4702, -6.3429,  
-17.3093

■ 95.5907, -5.8998,  
0.1189

■ 76.2403, -5.6733,  
-26.6943

100.0000, -5.3358,  
5.4332

■ 70.2672, -4.2735,  
-36.6046

■ 64.5846, -2.0230,  
-47.0905

■ 59.2318, 1.2071,  
-58.1812

■ 54.2526, 5.5395,  
-69.8649

■ 49.6927, 11.0615,  
-82.0656

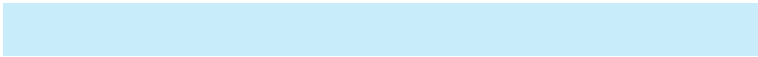
■ 45.5908, 17.7697,  
-94.6316

■ 44.2358, 20.3361,  
-99.1906

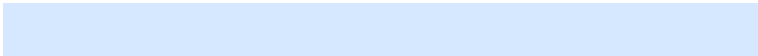
# Harmonies

## Analogous

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



88.9284, -12.5165, -5.6331



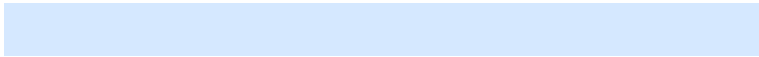
88.9266, -6.3863, -8.3935



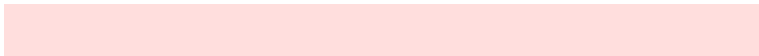
88.9284, 0.3627, -7.3973

# Triad

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



88.9284, -6.3882, -8.3911



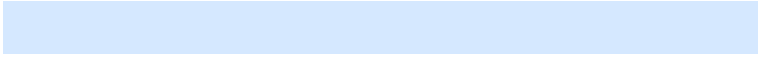
88.9284, 7.6193, 9.5170



88.9284, -14.9138, 12.0359

# Complementary

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



88.9266, -6.3863, -8.3935



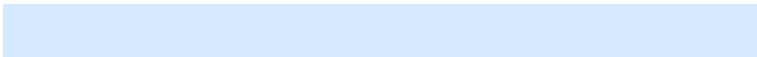
92.7652, -2.1572, 16.8882

# Split Complementary

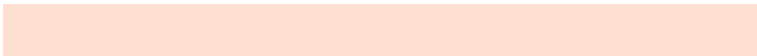
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9284, -9.7493, 15.5538



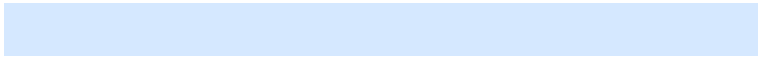
88.9266, -6.3863, -8.3935



88.9284, 3.2930, 14.1775

# Square

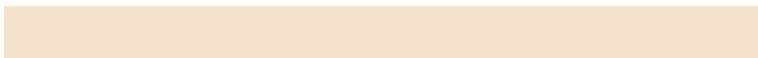
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.9284, -6.3882, -8.3911



88.9284, 8.5846, 3.2621



88.9284, -3.0994, 16.3074

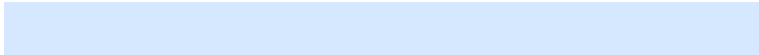


88.9284, -17.3419, 6.3907



# Rectangle

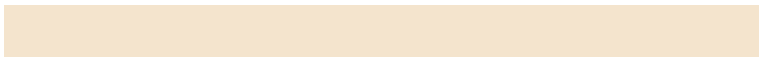
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



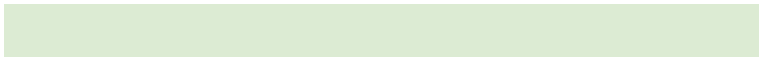
88.9266, -6.3863, -8.3935



88.9284, 4.2960, -4.7738



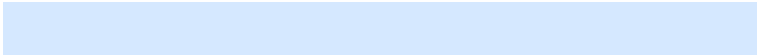
88.9284, -3.0994, 16.3074



88.9284, -13.4478, 13.4886

# Sweetspot

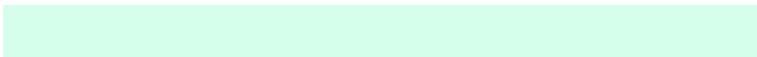
The Sweet Spot groups the original color and five complimentary colors.



88.9284, -6.3882, -8.3911



96.5857, -5.7878, 1.3385



95.7538, -21.6901, 9.7681



44.4646, -2.7030, 0.3499

0.0000, NaN, NaN

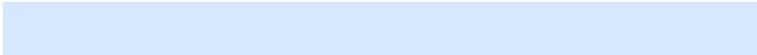


46.2646, -2.4686, 2.5136

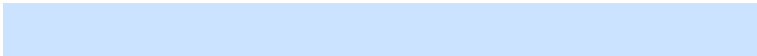


# Same Dimension

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



88.9284, -6.3882, -8.3911



86.6239, -6.4375, -11.4900



83.1665, 4.0430, -16.1290



43.2798, -2.8219, -1.1215



32.4250, 13.7321, -70.1721



11.1286, 2.2408, -18.7471



# Inverse Universe

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



86.4154, 13.1972, 1.0974



83.6636, 17.2496, 0.3149



98.6507, -12.5104, 22.7341



42.5720, 2.4432, 1.2975



34.3356, 60.7827, 6.8233

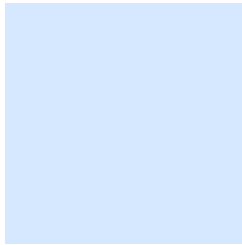


10.8147, 19.3336, 0.6848



# Previews

## White Background



This preview shows how the HunterLab color 88.9266, -6.3863, -8.3935 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

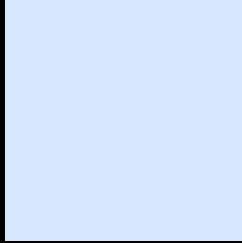
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.9266, -6.3863, -8.3935 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

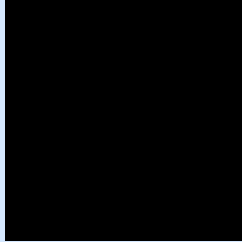
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

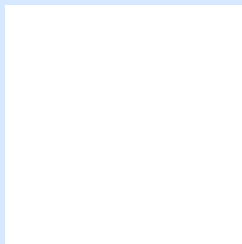
Any Text WCAG AAA ✓ Pass

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

## HunterLab 88.9266, -6.3863, -8.3935 Background



This preview shows how black text looks on a background with the HunterLab color 88.9266, -6.3863, -8.3935.



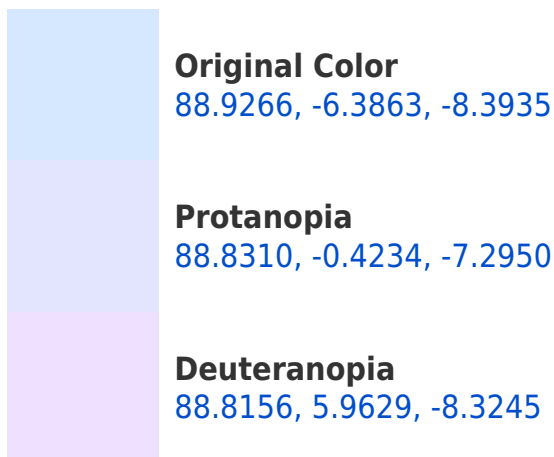
This preview shows how white text looks on a background with the HunterLab color 88.9266, -6.3863, -8.3935.

-8.3935.

# 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

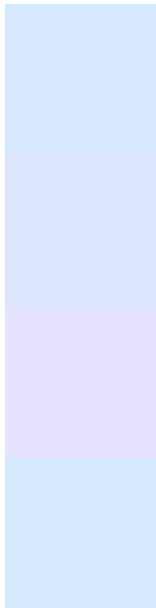




## Tritanopia

89.0168, -7.9875, -6.0767

# Trichromacy



## Original Color

88.9266, -6.3863, -8.3935

## Protanomaly

88.7265, -2.3085, -8.0250

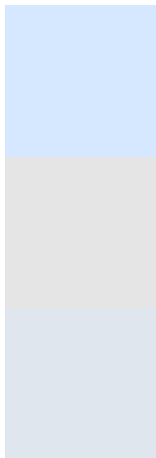
## Deuteranomaly

88.8713, 1.4455, -8.3296

## Tritanomaly

89.0523, -7.7917, -6.5789

# Monochromacy



## Original Color

88.9266, -6.3863, -8.3935

## Achromatopsia

88.5177, -4.7231, 4.8093

## Achromatomaly

88.5746, -5.5530, 0.3367

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.9266, -6.3863, -8.3935 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(213, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 232, 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(213, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 232, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.9266, -6.3863, -8.3935 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(213, 232, 255) }
```



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

```
.border{ border-color:rgb(213, 232, 255) }
```

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

Here you see how a box with a 4 pixel rgb(213, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 232,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.9266, -6.3863, -8.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 232, 255) }
```

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

```
.background{ background-color: rgb(213,  
232, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor