

# Converting Colors

HunterLab(105.2906, -58.0901,  
21.5556)

Have a look what the booklet for  
HunterLab(105.2906, -58.0901,  
21.5556) contains.

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# Color

**HunterLab(90.8116,  
-40.5979, 6.3697)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88FFE6
RGB	136, 255, 230
RGB Percent	53%, 100%, 90%
CMY	0.4666, 0.0000, 0.0980
CMYK	0.47, 0.00, 0.10, 0.00
HSL	167°, 100%, 77%
HSV	167°, 47%, 100%
XYZ	60.1963, 82.4675, 87.6080
YIQ	216.5690, -62.8990, -33.0030

# Conversions

## Conversions Part 2

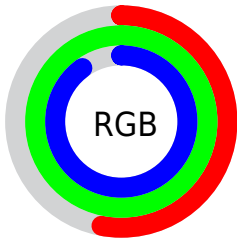
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 202, 255
Decimal	8978406
CIE Lab	92.78, -39.50, 1.53
CIE LCh	93, 39.526, 177.777
Yxy	82.4679, 0.2614, 0.3581
Android (android.graphics.Color)	4287168486 (0xFF88FFE6)
YUV	216.5690, 6.6215, -70.6590
Hunter-Lab	90.8116, -40.5979, 6.3697

# Details

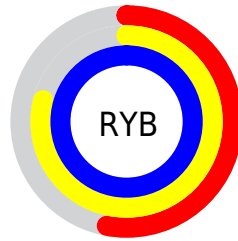
The HunterLab color **90.8116, -40.5979, 6.3697** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **64.3761, 43.9421, 9.3822**, and the grayscale version is **83.1050, -4.4343, 4.5153**.

A 20% lighter version of the original color is **95.0485, -23.0148, -0.8496**, and **67.0665, -35.3016, 4.8533** is the 20% darker color. If you saturate the color by 10%, you get **89.6015, -45.6493, 7.4446**, and if you desaturate by 10%, it is **92.2868, -34.6054, 5.5910**.

# Distribution



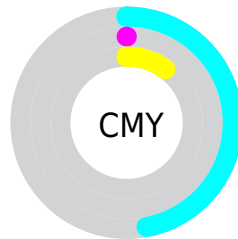
- Red (53%)
- Green (100%)
- Blue (90%)



- Red (53%)
- Yellow (79%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.8116, -40.5979, 6.3697 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 90.8116, -40.5979, 6.3697 by changing the saturation by 10% instead.



90.8116, -40.5979,  
6.3697

90.8116, -40.5979,  
6.3697

224.3237,  
-62.2233, 14.1453

78.5820, -37.9632,  
5.6351

116.9743,  
-45.6672, 7.9207

66.9565, -35.2441,  
4.9305

130.8603,  
-48.1258, 8.7365

55.9687, -32.4181,  
4.2562

145.2560,  
-50.5445, 9.5780

45.6579, -29.4563,  
3.6137

160.1440,  
-52.9294, 10.4443

36.0718, -26.3171,  
3.0044

175.5085,  
-55.2857, 11.3348

27.2702, -22.9379,  
2.4297

191.3352,

19.3304, -19.2191,

-57.6178, 12.2488

1.8911

207.6110,  
-59.9293, 13.1858

■ 12.3587, -16.1293,  
1.3896

■ 5.5486, -9.7101,  
1.4474

■ 90.8116, -40.5979,  
6.3697

■ 90.8116, -40.5979,  
6.3697

■ 89.6015, -45.6493,  
7.4446

■ 92.2868, -34.6054,  
5.5910

■ 88.6460, -49.7557,  
8.7949

■ 94.0315, -27.7079,  
5.1245

■ 87.9300, -52.9396,  
10.3894

■ 96.0471, -19.9577,  
4.9765

■ 87.4314, -55.2618,  
12.1886

■ 98.3311, -11.4225,  
5.1464

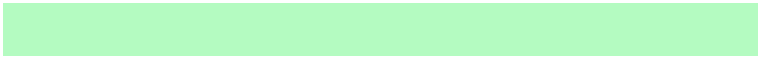
■ 87.1189, -56.8310, 100.0000, -5.3358,  
14.1431 5.4332

■ 87.0387, -57.2557,  
14.8078

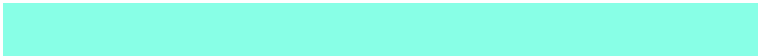
# Harmonies

## Analogous

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



90.8118, -35.5177, 22.5689



90.8116, -40.5979, 6.3697



90.8118, -36.8165, -14.0822

# Triad

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



90.8118, -40.5968, 6.3691



90.8118, 14.0305, -34.3452



90.8118, 16.8733, 31.0410

# Complementary

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



90.8116, -40.5979, 6.3697



64.3761, 43.9421, 9.3822

# 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.



90.8118, 32.2581, 20.5755



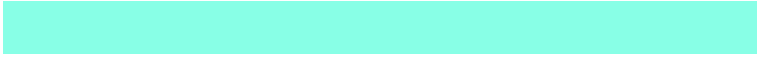
90.8116, -40.5979, 6.3697



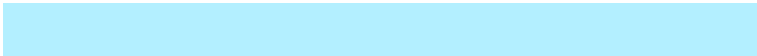
90.8118, 30.5183, -17.1243

# Square

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



90.8118, -40.5968, 6.3691



90.8118, -6.3567, -40.4405



90.8118, 37.4552, 3.4937

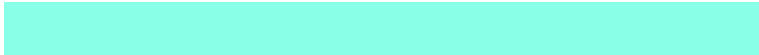


90.8118, -3.3341, 34.7280



# Rectangle

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



90.8116, -40.5979, 6.3697



90.8118, -29.5790, -27.0110



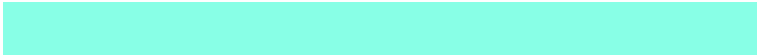
90.8118, 37.4552, 3.4937



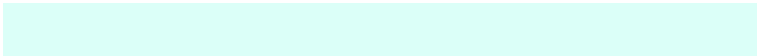
90.8118, 22.8449, 28.3301

# Sweetspot

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



90.8118, -40.5968, 6.3691



96.6297, -17.7568, 4.9909



89.9760, -48.2240, 39.2487



44.4864, -9.0415, 2.3028

0.0000, NaN, NaN

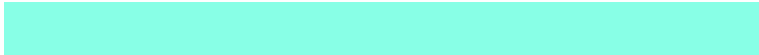


46.2646, -2.4686, 2.5136

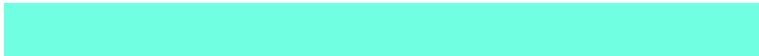


# Same Dimension

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



90.8118, -40.5968, 6.3691



89.6740, -45.3428, 7.3642



80.1985, -19.8559, -20.8723



45.1799, -6.4408, 2.3438



62.9345, -41.2783, 10.4453



19.6775, -12.6392, 2.6892



# Inverse Universe

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



64.3761, 43.9421, 9.3822



59.0352, 53.7768, 11.5383



71.8904, 23.1849, 25.4930



42.4847, 1.9742, 2.5419



33.5607, 57.9338, 18.1197

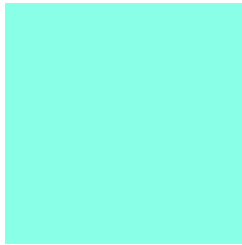


10.5438, 18.3418, 4.6016



# Previews

## White Background



This preview shows how the HunterLab color 90.8116, -40.5979, 6.3697 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

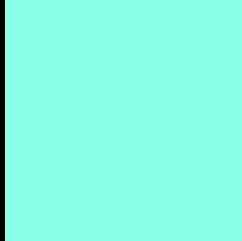
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.8116, -40.5979, 6.3697 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

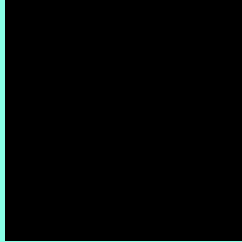
Any Text WCAG AA ✓ Pass

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 90.8116, -40.5979, 6.3697 Background



This preview shows how black text looks on a background with the HunterLab color 90.8116, -40.5979, 6.3697.



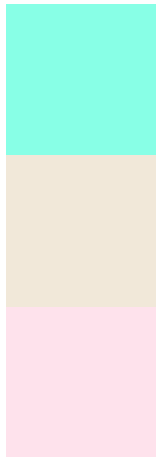
This preview shows how white text looks on a background with the HunterLab color 90.8116, -40.5979, 6.3697.

-40.5979, 6.3697.

# 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

90.8116, -40.5979, 6.3697

### Protanopia

90.2351, -4.2938, 12.3941

### Deuteranopia

90.2882, 6.5013, 3.6374



## Tritanopia

90.6311, -18.5973, -6.3706

# Trichromacy



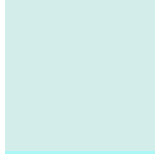
## Original Color

90.8116, -40.5979, 6.3697



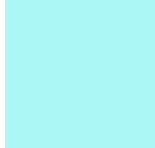
## Protanomaly

89.6050, -19.4084, 9.1474



## Deuteranomaly

89.6425, -13.5060, 3.5158



## Tritanomaly

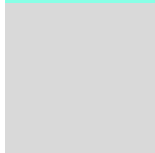
90.3999, -26.9451, -1.9517

# Monochromacy



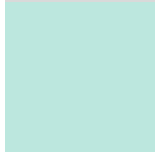
## Original Color

90.8116, -40.5979, 6.3697



## Achromatopsia

83.2990, -4.4446, 4.5258



## Achromatomaly

85.5085, -19.1710, 4.4367

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.8116, -40.5979, 6.3697 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(136, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(136, 255, 230)  
}
```

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(136, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 255, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.8116, -40.5979, 6.3697 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(136, 255, 230) }
```



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

```
.border{ border-color:rgb(136, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(136, 255,  
230) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.8116, -40.5979, 6.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 255, 230) }
```

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

```
.background{ background-color: rgb(136,  
255, 230) }
```

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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