

# Converting Colors

HunterLab(93.6031, -29.3722,  
5.1096)

Have a look what the booklet for  
HunterLab(93.6031, -29.3722,  
5.1096) contains.

<b>HunterLab(93.6136, -29.3118, 4.9591)</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(93.6136,  
-29.3118, 4.9591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5FFF0
RGB	181, 255, 240
RGB Percent	71%, 100%, 94%
CMY	0.2902, 0.0000, 0.0588
CMYK	0.29, 0.00, 0.06, 0.00
HSL	168°, 100%, 85%
HSV	168°, 29%, 100%
XYZ	70.5443, 87.6351, 95.6353
YIQ	231.1640, -39.2890, -20.3530

# Conversions

## Conversions Part 2

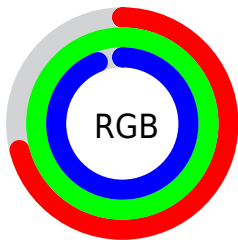
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 222, 255
Decimal	11927536
CIE <sub>Lab</sub>	95.01, -25.78, -0.14
CIE <sub>LCh</sub>	95, 25.777, 180.322
Yxy	87.6355, 0.2779, 0.3453
Android (android.graphics.Color)	4290117616 (0xFFB5FFF0)
YUV	231.1640, 4.3561, -43.9938
Hunter-Lab	93.6136, -29.3118, 4.9591

# Details

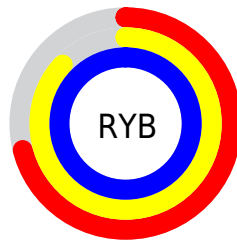
The HunterLab color **93.6136, -29.3118, 4.9591** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76.3509, 24.7277, 6.9246**, and the grayscale version is **89.4587, -4.7733, 4.8605**.

A 20% lighter version of the original color is **98.4465, -10.7827, 3.4954**, and **69.4870, -25.3998, 3.6801** is the 20% darker color. If you saturate the color by 10%, you get **91.9385, -35.9645, 5.4175**, and if you desaturate by 10%, it is **95.5599, -21.7903, 4.8192**.

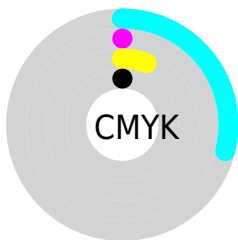
# Distribution



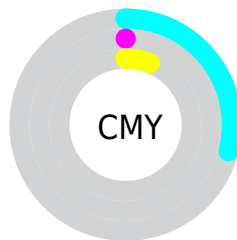
- Red (71%)
- Green (100%)
- Blue (94%)



- Red (71%)
- Yellow (87%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 93.6136, -29.3118, 4.9591 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 93.6136, -29.3118, 4.9591 by changing the saturation by 10% instead.




 93.6136, -29.3118,  
4.9591

 93.6136, -29.3118,  
4.9591


228.1028,  
-45.7068, 12.2317

 81.2535, -27.4041,  
4.2920


 120.0207,  
-33.0423, 6.3841

 69.4908, -25.4594,  
3.6583


134.0217,  
-34.8787, 7.1406

 58.3578, -23.4656,  
3.0594


148.5285,  
-36.7014, 7.9249

 47.8925, -21.4071,  
2.4972

163.5239,  
-38.5137, 8.7359

 38.1404, -19.2619,  
1.9743

178.9925,  
-40.3183, 9.5728

 29.1582, -16.9969,  
1.4941

194.9203,

 21.0186, -14.5593,

-42.1175, 10.4349

1.0606

211.2943,  
-43.9131, 11.3214

■ 13.8200, -11.8562,  
0.6796

■ 7.4454, -13.0294,  
0.3247

■ 93.6136, -29.3118,  
4.9591

■ 93.6136, -29.3118,  
4.9591

■ 91.9385, -35.9645,  
5.4175

■ 95.5599, -21.7903,  
4.8192

■ 90.5320, -41.7031,  
6.1885

■ 97.7751, -13.4676,  
5.0002

■ 89.3879, -46.4999,  
7.2561

100.0000, -5.3358,  
5.4332

■ 88.4953, -50.3548,  
8.5965

■ 87.8372, -53.3001,  
10.1774

■ 87.3899, -55.4068,  
11.9578

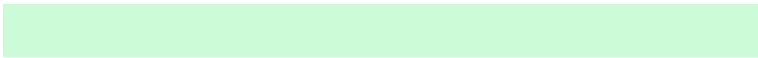
■ 87.1133, -56.8206,  
13.8791

■ 87.0901, -56.9432,  
14.0689

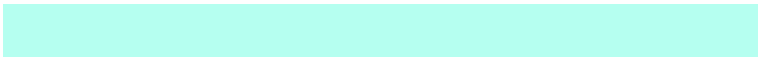
# Harmonies

## Analogous

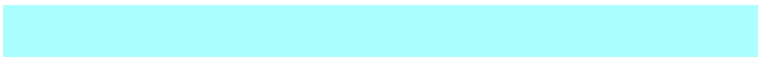
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6138, -26.2743, 16.3976



93.6136, -29.3118, 4.9591



93.6138, -26.1433, -8.0893

# Triad

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



93.6138, -29.3108, 4.9585



93.6138, 8.3148, -18.5279



93.6138, 8.0516, 23.9251

# Complementary

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



93.6136, -29.3118, 4.9591



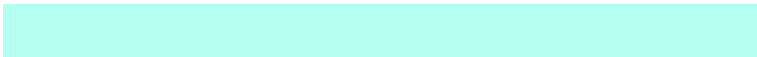
76.3509, 24.7277, 6.9246

# 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.



93.6138, 18.2041, 16.6041



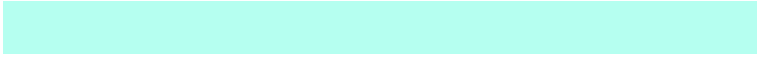
93.6136, -29.3118, 4.9591



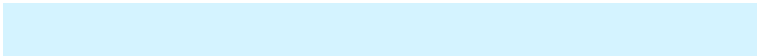
93.6138, 18.3620, -7.8188

# Square

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



93.6138, -29.3108, 4.9585



93.6138, -4.8559, -22.7586



93.6138, 22.0764, 5.2326

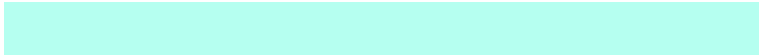


93.6138, -5.1441, 26.3726



# Rectangle

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



93.6136, -29.3118, 4.9591



93.6138, -20.8319, -15.7131



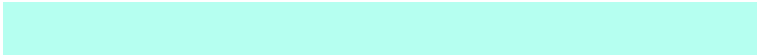
93.6138, 22.0764, 5.2326



93.6138, 11.9594, 22.0082

# Sweetspot

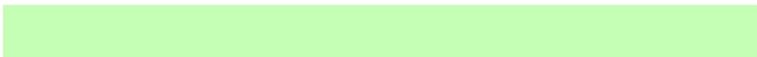
The Sweet Spot groups the original color and five complimentary colors.



93.6138, -29.3108, 4.9585



97.7794, -13.4516, 5.0008



93.1297, -34.2985, 28.9533



45.0804, -6.8054, 2.2922

0.0000, NaN, NaN

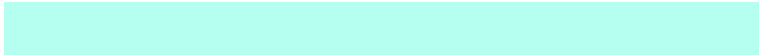


46.2646, -2.4686, 2.5136

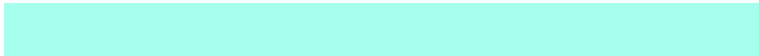


# Same Dimension

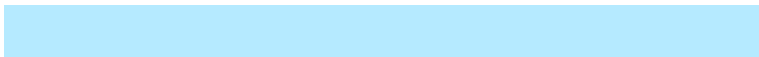
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6138, -29.3108, 4.9585



92.5793, -33.3984, 5.1949



87.1259, -16.1473, -10.9776



45.1826, -6.4260, 2.3058



62.9712, -41.0551, 9.9176



19.6880, -12.5757, 2.5391



# Inverse Universe

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



76.3509, 24.7277, 6.9246



72.0386, 31.1903, 7.6860



81.7452, 11.3144, 18.8605



42.4821, 1.9601, 2.5793



33.5466, 57.8815, 18.3283

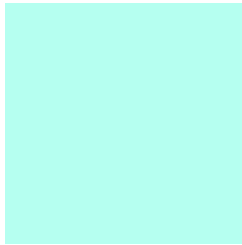


10.5379, 18.3204, 4.6868



# Previews

## White Background



This preview shows how the HunterLab color 93.6136, -29.3118, 4.9591 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

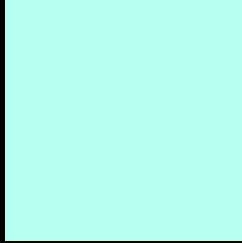
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 93.6136, -29.3118, 4.9591 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

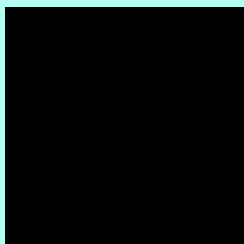
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

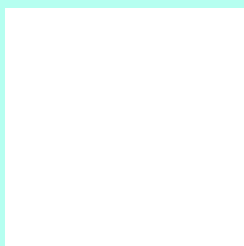
Any Text WCAG AAA ✓ Pass

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

## HunterLab 93.6136, -29.3118, 4.9591 Background



This preview shows how black text looks on a background with the HunterLab color 93.6136, -29.3118, 4.9591.



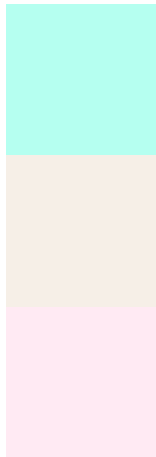
This preview shows how white text looks on a background with the HunterLab color 93.6136, -29.3118, 4.9591.

-29.3118, 4.9591.

# 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

93.6136, -29.3118, 4.9591

### Protanopia

93.3249, -3.9999, 9.4063

### Deuteranopia

93.0466, 3.7627, 3.3694



## Tritanopia

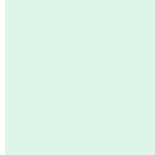
93.4219, -11.9371, -2.6854

# Trichromacy



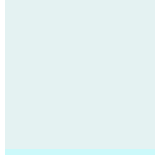
## Original Color

93.6136, -29.3118, 4.9591



## Protanomaly

93.1531, -14.2672, 7.6059



## Deuteranomaly

92.9565, -9.4874, 3.5331



## Tritanomaly

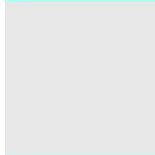
93.5365, -18.5921, -0.0175

# Monochromacy



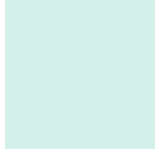
## Original Color

93.6136, -29.3118, 4.9591



## Achromatopsia

89.3925, -4.7698, 4.8569



## Achromatomaly

90.7782, -14.4310, 4.8436

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 93.6136, -29.3118, 4.9591 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(181, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 240)  
}
```

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(181, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 93.6136, -29.3118, 4.9591 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(181, 255, 240) }
```



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

```
.border{ border-color:rgb(181, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 93.6136, -29.3118, 4.9591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 240) }
```

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

```
.background{ background-color: rgb(181,  
255, 240) }
```

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