

# Converting Colors

HunterLab(96.4736, -18.6961,  
7.7062)

Have a look what the booklet for  
HunterLab(96.4736, -18.6961,  
7.7062) contains.

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# **Color**

**HunterLab(96.5124,  
-18.5280, 7.5401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCFFF2
RGB	220, 255, 242
RGB Percent	86%, 100%, 95%
CMY	0.1372, 0.0000, 0.0510
CMYK	0.14, 0.00, 0.05, 0.00
HSL	158°, 100%, 93%
HSV	158°, 14%, 100%
XYZ	81.3022, 93.1464, 97.6984
YIQ	243.0530, -16.6870, -11.4630

# Conversions

## Conversions Part 2

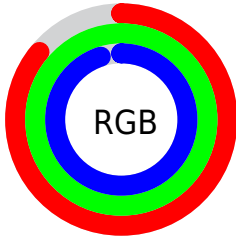
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 241, 255
Decimal	14483442
CIE Lab	97.29, -13.67, 2.42
CIE LCh	97, 13.884, 169.968
Yxy	93.1469, 0.2987, 0.3423
Android (android.graphics.Color)	4292673522 (0xFFDCFFF2)
YUV	243.0530, -0.5191, -20.2175
Hunter-Lab	96.5124, -18.5280, 7.5401

# Details

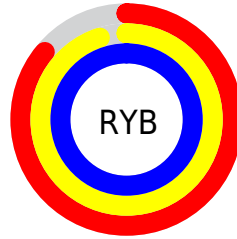
The HunterLab color **96.5124, -18.5280, 7.5401** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88.5046, 9.5739, 3.0599**, and the grayscale version is **94.7028, -5.0531, 5.1454**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **72.0643, -15.7047, 5.9110** is the 20% darker color. If you saturate the color by 10%, you get **94.2933, -27.2419, 9.3733**, and if you desaturate by 10%, it is **99.0039, -9.0456, 5.9567**.

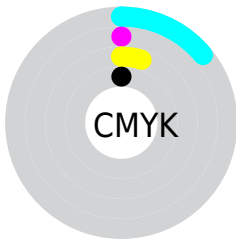
# Distribution



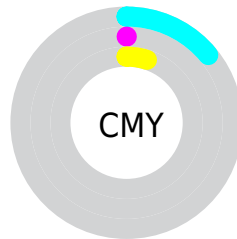
- Red (86%)
- Green (100%)
- Blue (95%)



- Red (86%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (14%)
- Magenta (0%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.5124, -18.5280, 7.5401 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 96.5124, -18.5280, 7.5401 by changing the saturation by 10% instead.




 96.5124, -18.5280,  
7.5401

 96.5124, -18.5280,  
7.5401


231.9947,  
-30.5292, 15.7073

 84.0200, -17.2211,  
6.7536


123.1673,  
-21.1448, 9.1886

 72.1184, -15.9132,  
5.9945


137.2853,  
-22.4607, 10.0505

 60.8387, -14.5989,  
5.2630


151.9049,  
-23.7833, 10.9364

 50.2175, -13.2726,  
4.5597

167.0095,  
-25.1138, 11.8458

 40.2983, -11.9257,  
3.8855

182.5840,  
-26.4529, 12.7781

 31.1349, -10.5454,  
3.2408

198.6146,

 22.7956, -9.1116,

-27.8015, 13.7327

2.6257

215.0887,  
-29.1601, 14.7093

■ 15.3719, -7.5886,  
2.0393

■ 8.9818, -7.1126,  
1.6051

■ 96.5124, -18.5280,  
7.5401

■ 96.5124, -18.5280,  
7.5401

■ 94.2933, -27.2419,  
9.3733

■ 99.0039, -9.0456,  
5.9567

■ 92.3505, -35.1081,  
11.4438

100.0000, -5.3358,  
5.4332

■ 90.6855, -42.0557,  
13.7295

■ 89.2956, -48.0328,  
16.2021

■ 88.1734, -53.0124,  
18.8267

■ 87.3062, -56.9983,  
21.5626

■ 86.6746, -60.0316,  
24.3642

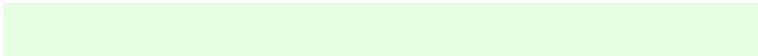
■ 86.2508, -62.2001,  
27.1806

■ 86.0630, -63.2281,  
28.9201

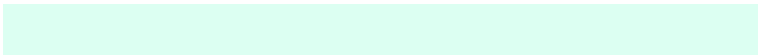
# Harmonies

## Analogous

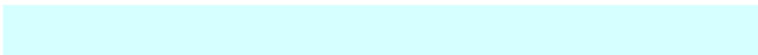
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5126, -15.6182, 13.4149



96.5124, -18.5280, 7.5401



96.5126, -17.9348, 0.6051

# Triad

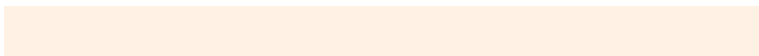
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.5126, -18.5271, 7.5395



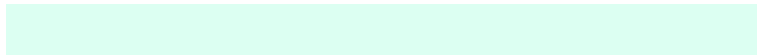
96.5126, -0.3387, -8.0875



96.5126, 3.9945, 14.8832

# Complementary

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



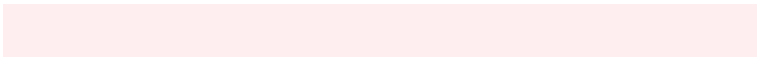
96.5124, -18.5280, 7.5401



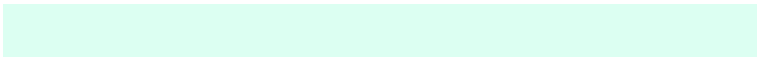
88.5046, 9.5739, 3.0599

# 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.



96.5126, 8.3268, 9.6815



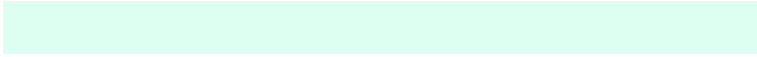
96.5124, -18.5280, 7.5401



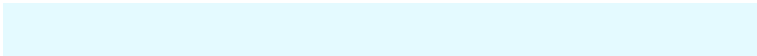
96.5126, 5.7742, -3.6895

# Square

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



96.5126, -18.5271, 7.5395



96.5126, -7.5760, -8.7673



96.5126, 8.9876, 2.9101

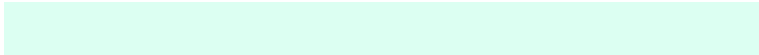


96.5126, -2.7096, 17.4426



# Rectangle

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



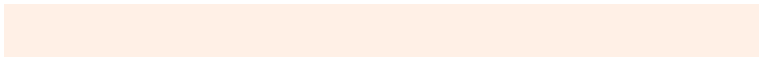
96.5124, -18.5280, 7.5401



96.5126, -15.6279, -3.6770



96.5126, 8.9876, 2.9101



96.5126, 5.7848, 13.4045

# Sweetspot

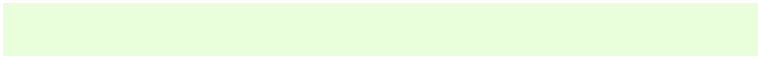
The Sweet Spot groups the original color and five complimentary colors.



96.5126, -18.5271, 7.5395



98.9318, -9.3161, 5.9969



96.9956, -18.0667, 18.0623



45.6796, -4.6508, 2.8256

0.0000, NaN, NaN

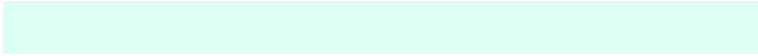


46.2646, -2.4686, 2.5136

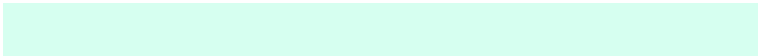


# Same Dimension

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



96.5126, -18.5271, 7.5395



95.9836, -20.5804, 7.9351



95.5921, -14.0975, -0.0229



45.1224, -6.7612, 3.1646



62.2352, -45.5571, 20.5562



19.4740, -13.8813, 5.6249



# Inverse Universe

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



88.5046, 9.5739, 3.0599



86.6783, 12.0909, 2.7397



89.3222, 5.2297, 10.1861



42.5425, 2.2849, 1.7177



34.0061, 59.5753, 11.5951



10.7062, 18.9382, 2.2402



# Previews

## White Background



This preview shows how the HunterLab color 96.5124, -18.5280, 7.5401 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

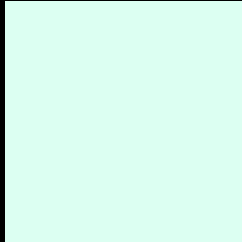
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.5124, -18.5280, 7.5401 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

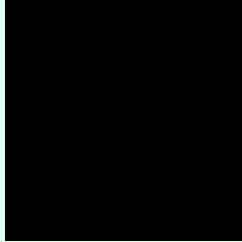
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

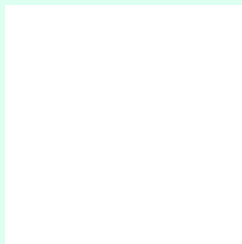
Any Text WCAG AAA ✓ Pass

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

## HunterLab 96.5124, -18.5280, 7.5401 Background



This preview shows how black text looks on a background with the HunterLab color 96.5124, -18.5280, 7.5401.



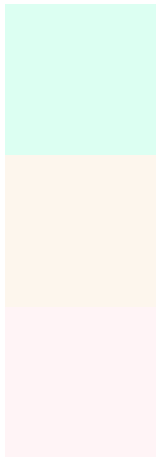
This preview shows how white text looks on a background with the HunterLab color 96.5124,

-18.5280 7.5401.

# 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

96.5124, -18.5280, 7.5401

### Protanopia

96.3891, -4.3279, 10.0356

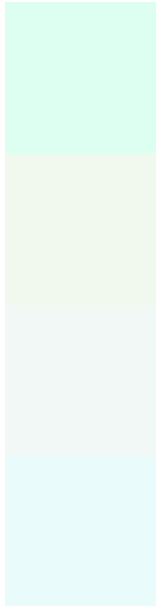
### Deuteranopia

96.2368, -1.0646, 5.5664

## **Tritanopia**

96.3743, -6.4942, 1.0685

# Trichromacy



## Original Color

96.5124, -18.5280, 7.5401

## Protanomaly

96.2726, -9.5218, 8.8644

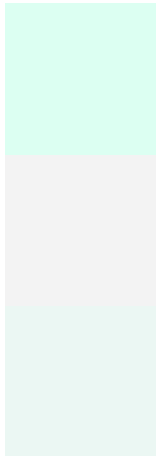
## Deuteranomaly

96.2313, -7.6460, 5.9392

## Tritanomaly

96.5506, -11.1583, 3.7595

# Monochromacy



## Original Color

96.5124, -18.5280, 7.5401

## Achromatopsia

94.6715, -5.0514, 5.1437

## Achromatomaly

95.2128, -9.7071, 5.6976

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.5124, -18.5280, 7.5401 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(220, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 242)  
}
```

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(220, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 242) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.5124, -18.5280, 7.5401 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(220, 255, 242) }
```



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

```
.border{ border-color:rgb(220, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 255, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 255, 242); box-shadow:4px 4px 4px 4px rgb(220, 255, 242) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.5124, -18.5280, 7.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 242) }
```

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

```
.background{ background-color: rgb(220,  
255, 242) }
```

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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