

# Converting Colors

HunterLab(83.9133, -21.7200,  
-7.8241)

Have a look what the booklet for  
HunterLab(83.9133, -21.7200,  
-7.8241) contains.

<b>HunterLab(84.0128, -21.6202, -7.8943)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(84.0128,  
-21.6202, -7.8943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1E6F2
RGB	161, 230, 242
RGB Percent	63%, 90%, 95%
CMY	0.3686, 0.0980, 0.0510
CMYK	0.33, 0.05, 0.00, 0.05
HSL	189°, 76%, 79%
HSV	189°, 33%, 95%
XYZ	59.0218, 70.5815, 94.5172
YIQ	210.7370, -44.9760, -10.8960

# Conversions

## Conversions Part 2

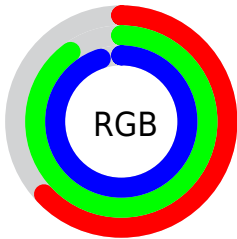
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 198, 242
Decimal	10610418
CIE <sub>Lab</sub>	87.28, -18.60, -12.71
CIE <sub>LCh</sub>	87, 22.534, 214.348
Y <sub>xy</sub>	70.5843, 0.2634, 0.3149
Android (android.graphics.Color)	4288800498 (0xFFA1E6F2)
YUV	210.7370, 15.4127, -43.6193
Hunter-Lab	84.0128, -21.6202, -7.8943

# Details

The HunterLab color **84.0128, -21.6202, -7.8943** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71.6508, 19.0925, 16.5824**, and the grayscale version is **80.5478, -4.2978, 4.3763**.

A 20% lighter version of the original color is **96.7706, -16.7594, 1.3713**, and **60.7301, -18.2686, -8.2510** is the 20% darker color. If you saturate the color by 10%, you get **81.4456, -25.0089, -11.4050**, and if you desaturate by 10%, it is **86.8114, -17.4666, -4.1867**.

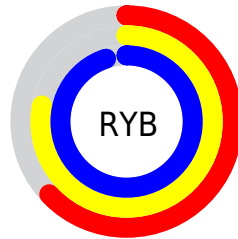
# Distribution



Red (63%)

Green (90%)

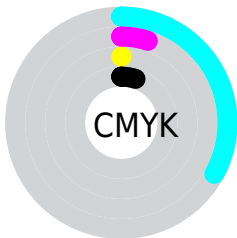
Blue (95%)



Red (63%)

Yellow (78%)

Blue (95%)

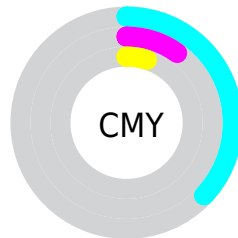


Cyan (33%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (37%)

Magenta (10%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0128, -21.6202, -7.8943 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 84.0128, -21.6202, -7.8943 by changing the saturation by 10% instead.



84.0128, -21.6202,  
-7.8943

84.0128, -21.6202,  
-7.8943

215.0811,  
-35.3921, -4.7984

72.1131, -20.0610,  
-8.0107

109.5635,  
-24.7002, -7.5024

60.8338, -18.4789,  
-8.0713

123.1611,  
-26.2281, -7.2363

50.2128, -16.8655,  
-8.0699

137.2788,  
-27.7526, -6.9266

40.2940, -15.2078,  
-8.0007

151.8982,  
-29.2760, -6.5758

31.1309, -13.4864,  
-7.8574

167.0025,  
-30.8002, -6.1858

22.7921, -11.6705,  
-7.6337

182.5768,

15.3688, -9.7065,

-32.3268, -5.7585

-7.3270

198.6072,  
-33.8570, -5.2955

■ 8.9791, -9.5082,  
-6.9859

0.0000, NaN, -NF

■ 84.0128, -21.6202,  
-7.8943

■ 84.0128, -21.6202,  
-7.8943

■ 81.4456, -25.0089,  
-11.4050

■ 86.8114, -17.4666,  
-4.1867

■ 79.1092, -27.5853,  
-14.6960

■ 89.8298, -12.6004,  
-0.3138

■ 77.0060, -29.3216,  
-17.7419

■ 93.0611, -7.0832,  
3.6991

■ 75.1322, -30.2119,  
-20.5252

■ 96.2177, -1.9334,  
7.4902

■ 73.4778, -30.2810,  
-23.0385

■ 97.3451, -3.8333,  
8.7512

■ 72.0235, -29.5962,  
-25.2914

■ 98.4810, -5.7260,  
10.0082

■ 71.1539, -28.8491,  
-26.6592

■ 99.5946, -7.5611,  
11.2277

# Harmonies

## Analogous

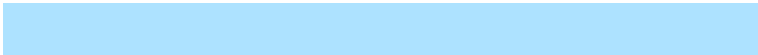
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0145, -24.9984, 2.9972



84.0128, -21.6202, -7.8943



84.0145, -13.6535, -16.1848

# Triad

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



84.0145, -21.6211, -7.8930



84.0145, 15.9275, -4.8375



84.0145, -6.1218, 22.6220

# Complementary

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



84.0128, -21.6202, -7.8943



71.6508, 19.0925, 16.5824

# 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.



84.0145, 5.0895, 21.0968



84.0128, -21.6202, -7.8943



84.0145, 18.2023, 6.1191

# Square

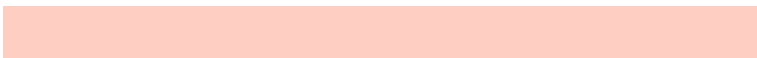
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0145, -21.6211, -7.8930



84.0145, 8.0768, -14.2642



84.0145, 14.1401, 15.3804



84.0145, -16.3539, 19.8584

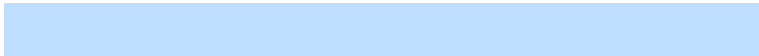


# Rectangle

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



84.0128, -21.6202, -7.8943



84.0145, -6.6085, -18.6049



84.0145, 14.1401, 15.3804



84.0145, -2.3449, 22.5908

# Sweetspot

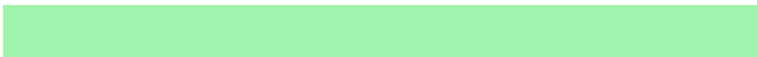
The Sweet Spot groups the original color and five complimentary colors.



84.0145, -21.6211, -7.8930



96.4853, -11.4313, 1.1174



86.0544, -38.8361, 25.5238



44.4182, -5.6608, 0.2413

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

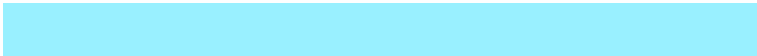


# Same Dimension

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



84.0145, -21.6211, -7.8930



87.3205, -25.4269, -10.8766



71.4986, -2.0625, -25.6404



41.8409, -4.8083, 0.5858



52.3040, -21.3441, -19.2996



15.4380, -6.6127, -5.0211



# Inverse Universe

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



70.7686, 36.6934, -18.4731



70.9417, 47.8140, -24.2767



82.8789, -1.4459, 26.9217



39.9860, 3.0018, -0.7568



35.4331, 67.4931, -29.9154

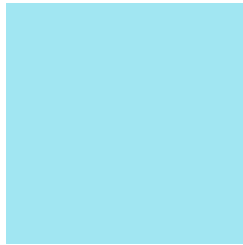


10.2728, 19.6530, -9.3343



# Previews

## White Background



This preview shows how the HunterLab color 84.0128, -21.6202, -7.8943 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

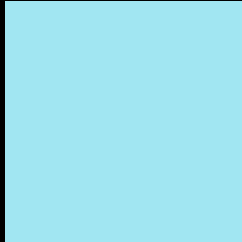
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.0128, -21.6202, -7.8943 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

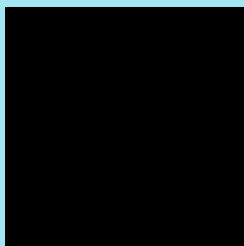
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

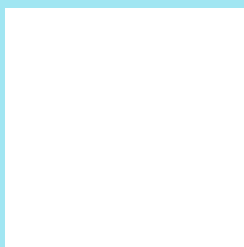
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.0128, -21.6202, -7.8943 Background



This preview shows how black text looks on a background with the HunterLab color 84.0128, -21.6202, -7.8943.



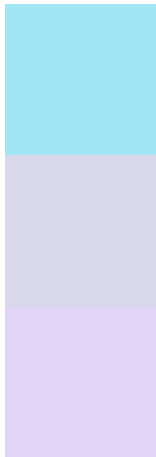
This preview shows how white text looks on a background with the HunterLab color 84.0128,

-21.6202, -7.8943.

# 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

84.0128, -21.6202, -7.8943

### Protanopia

83.5488, -0.8820, -3.7732

### Deuteranopia

83.6119, 6.4116, -10.1929



## Tritanopia

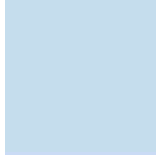
83.9627, -19.6695, -11.3177

# Trichromacy



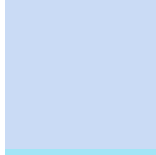
## Original Color

84.0128, -21.6202, -7.8943



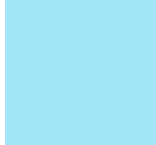
## Protanomaly

83.4851, -8.9000, -5.6134



## Deuteranomaly

83.5537, -4.8564, -9.8996



## Tritanomaly

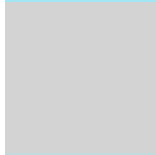
83.8891, -20.0861, -10.2817

# Monochromacy



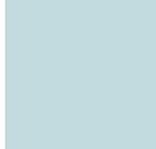
## Original Color

84.0128, -21.6202, -7.8943



## Achromatopsia

80.7097, -4.3065, 4.3851



## Achromatomaly

81.7032, -11.3535, -0.0030

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.0128, -21.6202, -7.8943 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(161, 230, 242)` looks like.

```
.text, #text, p{  
    color:rgb(161, 230, 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(161, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 230, 242) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.0128, -21.6202, -7.8943 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(161, 230, 242) }
```



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

```
.border{ border-color:rgb(161, 230, 242) }
```

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

Here you see how a box with a 4 pixel rgb(161, 230, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(161, 230,  
242) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.0128, -21.6202, -7.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 230, 242) }
```

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

```
.background{ background-color: rgb(161,  
230, 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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