

# Converting Colors

HunterLab(86.9349, -17.9831,  
-25.1713)

Have a look what the booklet for  
HunterLab(86.9349, -17.9831,  
-25.1713) contains.

<b>HunterLab(86.1275, -23.1332, -12.4614)</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(86.1275,  
-23.1332, -12.4614)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9BECFF
RGB	155, 236, 255
RGB Percent	61%, 93%, 100%
CMY	0.3921, 0.0745, 0.0000
CMYK	0.39, 0.07, 0.00, 0.00
HSL	191°, 100%, 80%
HSV	191°, 39%, 100%
XYZ	61.5630, 74.1795, 105.6811
YIQ	213.9470, -54.3750, -11.2630

# Conversions

## Conversions Part 2

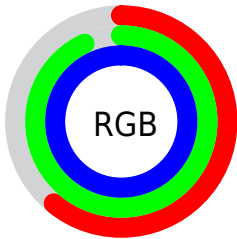
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 200, 255
Decimal	10218751
CIE Lab	89.01, -20.01, -16.97
CIE LCh	89, 26.236, 220.305
Yxy	74.1823, 0.2550, 0.3073
Android (android.graphics.Color)	4288408831 (0xFF9BECFF)
YUV	213.9470, 20.2391, -51.6965
Hunter-Lab	86.1275, -23.1332, -12.4614

# Details

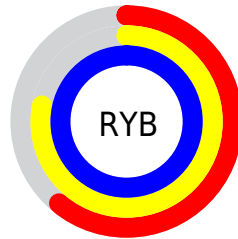
The HunterLab color **86.1275, -23.1332, -12.4614** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73.4159, 22.9782, 20.5956**, and the grayscale version is **81.9136, -4.3707, 4.4505**.

A 20% lighter version of the original color is **96.3775, -18.1769, 0.8678**, and **62.7028, -19.9108, -12.2296** is the 20% darker color. If you saturate the color by 10%, you get **83.1674, -25.7791, -16.6498**, and if you desaturate by 10%, it is **89.3335, -19.6606, -8.0878**.

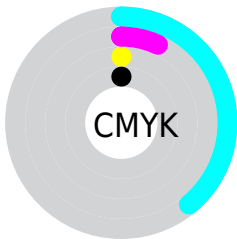
# Distribution



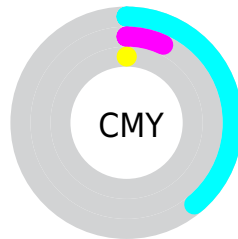
- Red (61%)
- Green (93%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.1275, -23.1332, -12.4614 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 86.1275, -23.1332, -12.4614 by changing the saturation by 10% instead.



86.1275, -23.1332,  
-12.4614

86.1275, -23.1332,  
-12.4614

217.9684,  
-37.4255, -10.5369

74.1237, -21.5054,  
-12.4322

111.8723,  
-26.3428, -12.3492

62.7346, -19.8512,  
-12.3454

125.5610,  
-27.9319, -12.2188

51.9971, -18.1623,  
-12.1947

139.7666,  
-29.5155, -12.0418

41.9536, -16.4249,  
-11.9758

154.4708,  
-31.0961, -11.8208

32.6557, -14.6192,  
-11.6852

169.6574,  
-32.6759, -11.5580

24.1688, -12.7140,  
-11.3231

185.3113,

16.5796, -10.6564,

-34.2565, -11.2552

-10.9020

201.4191,  
-35.8393, -10.9143

■ 10.0103, -9.3246,  
-10.4831

0.0000, NaN, -NF

■ 86.1275, -23.1332,  
-12.4614

■ 86.1275, -23.1332,  
-12.4614

■ 83.1674, -25.7791,  
-16.6498

■ 89.3335, -19.6606,  
-8.0878

■ 80.4537, -27.5492,  
-20.6279

■ 92.7723, -15.4162,  
-3.5670

■ 77.9893, -28.4179,  
-24.3647

■ 96.4356, -10.4655,  
1.0737

■ 75.7699, -28.3871,  
-27.8385

100.0000, -5.3358,  
5.4332

■ 73.7825, -27.4984,  
-31.0417

■ 71.9924, -25.8843,  
-34.0069

■ 71.8553, -25.7447,  
-34.2375

# Harmonies

## Analogous

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



86.1291, -28.2019, 0.2509



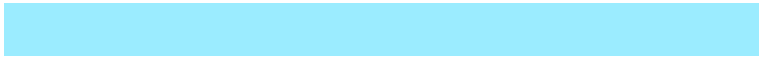
86.1275, -23.1332, -12.4614



86.1291, -12.9974, -21.3159

# Triad

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



86.1291, -23.1342, -12.4592



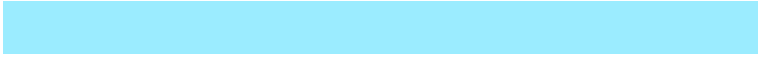
86.1291, 20.6529, -3.8621



86.1291, -9.0991, 25.2408

# Complementary

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



86.1275, -23.1332, -12.4614



73.4159, 22.9782, 20.5956

# 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.



86.1291, 4.1315, 24.4825



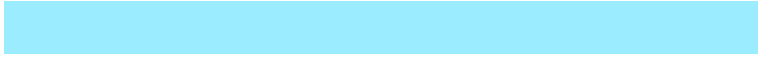
86.1275, -23.1332, -12.4614



86.1291, 21.8529, 8.9014

# Square

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



86.1291, -23.1342, -12.4592



86.1291, 12.4607, -15.8576



86.1291, 15.6469, 18.9043

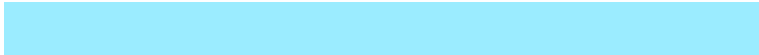


86.1291, -20.4285, 21.1599

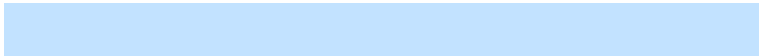


# Rectangle

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



86.1275, -23.1332, -12.4614



86.1291, -4.4647, -23.1553



86.1291, 15.6469, 18.9043



86.1291, -4.7357, 25.5264

# Sweetspot

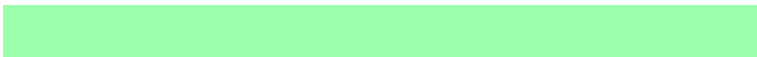
The Sweet Spot groups the original color and five complimentary colors.



86.1291, -23.1342, -12.4592



95.3930, -11.9119, -0.2297



90.2880, -45.6034, 28.7624



43.9097, -5.8167, -0.3878

0.0000, NaN, NaN

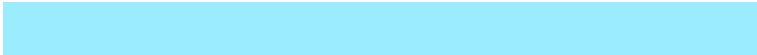


46.2646, -2.4686, 2.5136

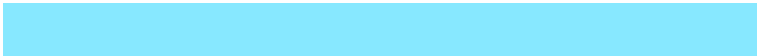


# Same Dimension

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



86.1291, -23.1342, -12.4592



83.8018, -25.2676, -15.7393



70.4199, 1.6512, -36.2335



44.5648, -4.9127, 0.4337



52.1423, -18.8824, -24.4118



16.7070, -6.4772, -6.8999



# Inverse Universe

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



71.2464, 45.9432, -21.3359



66.6853, 56.0141, -25.9597



87.5106, -2.9486, 32.8606



42.7056, 3.1594, -0.6026



36.7051, 69.2984, -26.2027

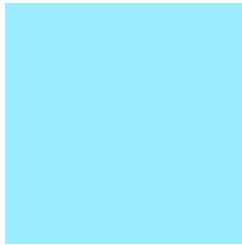


11.5166, 21.8472, -9.0283



# Previews

## White Background



This preview shows how the HunterLab color 86.1275, -23.1332, -12.4614 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

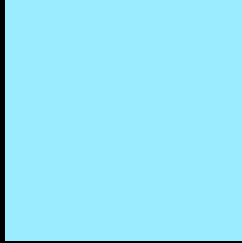
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.1275, -23.1332, -12.4614 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

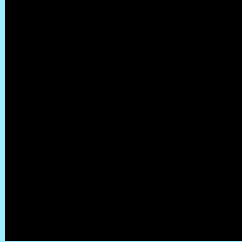
Any Text WCAG AA ✓ Pass

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 86.1275, -23.1332, -12.4614 Background



This preview shows how black text looks on a background with the HunterLab color 86.1275, -23.1332, -12.4614.



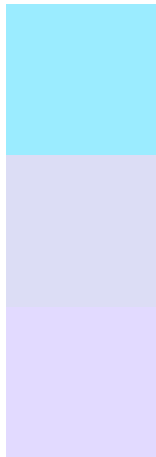
This preview shows how white text looks on a background with the HunterLab color 86.1275, -23.1332, -12.4614.

-23.1332, -12.4614.

# 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

86.1275, -23.1332, -12.4614

### Protanopia

85.7445, -0.4714, -6.9067

### Deuteranopia

85.7505, 4.9869, -12.4877



## Tritanopia

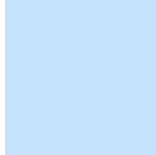
86.1275, -23.1332, -12.4614

# Trichromacy



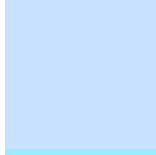
## Original Color

86.1275, -23.1332, -12.4614



## Protanomaly

85.4213, -9.3555, -9.7336



## Deuteranomaly

85.6445, -6.4963, -12.8351



## Tritanomaly

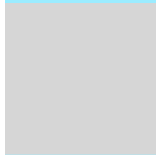
86.1275, -23.1332, -12.4614

# Monochromacy



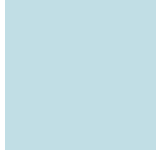
## Original Color

86.1275, -23.1332, -12.4614



## Achromatopsia

82.0026, -4.3755, 4.4554



## Achromatomaly

83.2089, -12.0627, -1.7583

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.1275, -23.1332, -12.4614 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(155, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 236, 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(155, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 236, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.1275, -23.1332, -12.4614 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(155, 236, 255) }
```



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

```
.border{ border-color:rgb(155, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 236,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.1275, -23.1332, -12.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 236, 255) }
```

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

```
.background{ background-color: rgb(155,  
236, 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](#).

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