

# Converting Colors

HunterLab(87.1642, -25.2041,  
-11.0843)

Have a look what the booklet for  
HunterLab(87.1642, -25.2041,  
-11.0843) contains.

<b>HunterLab(87.0203, -24.9988, -11.2758)</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(87.0203,  
-24.9988, -11.2758)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99EFFF
RGB	153, 239, 255
RGB Percent	60%, 94%, 100%
CMY	0.4000, 0.0627, 0.0000
CMYK	0.40, 0.06, 0.00, 0.00
HSL	189°, 100%, 80%
HSV	189°, 40%, 100%
XYZ	62.0534, 75.7253, 105.9537
YIQ	215.1100, -56.3920, -13.2560

# Conversions

## Conversions Part 2

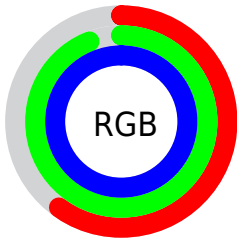
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 200, 255
Decimal	10088447
CIE <sub>Lab</sub>	89.73, -21.98, -15.89
CIE <sub>LCh</sub>	90, 27.127, 215.862
Yxy	75.7282, 0.2546, 0.3107
Android (android.graphics.Color)	4288278527 (0xFF99EFFF)
YUV	215.1100, 19.6658, -54.4705
Hunter-Lab	87.0203, -24.9988, -11.2758

# Details

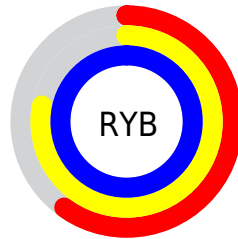
The HunterLab color **87.0203, -24.9988, -11.2758** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72.0667, 25.4138, 20.0565**, and the grayscale version is **82.4187, -4.3977, 4.4780**.

A 20% lighter version of the original color is **96.2231, -18.7351, 0.6696**, and **63.5854, -21.5816, -11.0138** is the 20% darker color. If you saturate the color by 10%, you get **84.3744, -27.9404, -14.9790**, and if you desaturate by 10%, it is **89.9155, -21.2119, -7.3499**.

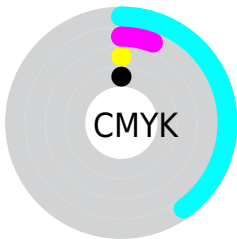
# Distribution



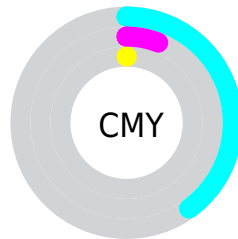
- Red (60%)
- Green (94%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0203, -24.9988, -11.2758 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 87.0203, -24.9988, -11.2758 by changing the saturation by 10% instead.



87.0203, -24.9988,  
-11.2758

87.0203, -24.9988,  
-11.2758

219.1841,  
-40.0263, -9.0156

74.9731, -23.2710,  
-11.2886

112.8462,  
-28.3942, -11.0825

63.5382, -21.5112,  
-11.2448

126.5730,  
-30.0703, -10.9130

52.7522, -19.7097,  
-11.1378

140.8153,  
-31.7375, -10.6980

42.6568, -17.8515,  
-10.9629

155.5550,  
-33.3988, -10.4399

33.3029, -15.9147,  
-10.7156

170.7758,  
-35.0565, -10.1408

24.7547, -13.8651,  
-10.3936

186.4631,

17.0969, -11.6455,

-36.7126, -9.8026

-10.0033

202.6033,  
-38.3688, -9.4270

■ 10.4484, -9.9570,  
-9.5857

0.0000, NaN, -NF

■ 87.0203, -24.9988,  
-11.2758

■ 87.0203, -24.9988,  
-11.2758

■ 84.3744, -27.9404,  
-14.9790

■ 89.9155, -21.2119,  
-7.3499

■ 81.9757, -29.9946,  
-18.4383

■ 93.0489, -16.6297,  
-3.2381

■ 79.8242, -31.1454,  
-21.6285

■ 96.4139, -11.3154,  
1.0324

■ 77.9124, -31.4053,  
-24.5355

100.0000, -5.3358,  
5.4332

■ 76.2238, -30.8278,  
-27.1608

■ 74.7166, -29.5718,  
-29.5520

■ 74.7163, -29.5716,  
-29.5524

# Harmonies

## Analogous

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



87.0219, -29.3517, 2.1362



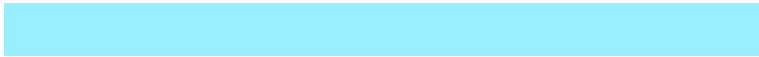
87.0203, -24.9988, -11.2758



87.0219, -15.1687, -21.3981

# Triad

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



87.0219, -24.9999, -11.2735



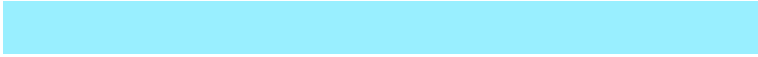
87.0219, 20.7413, -6.1556



87.0219, -7.3243, 26.1741

# Complementary

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



87.0203, -24.9988, -11.2758



72.0667, 25.4138, 20.0565

# 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.



87.0219, 6.3977, 24.6560



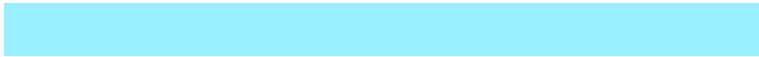
87.0203, -24.9988, -11.2758



87.0219, 23.1616, 7.2596

# Square

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



87.0219, -24.9999, -11.2735



87.0219, 11.3418, -18.1378



87.0219, 17.7654, 18.1856

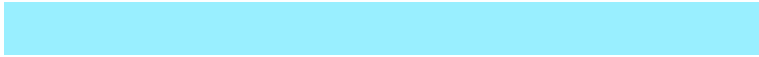


87.0219, -19.5605, 22.7092

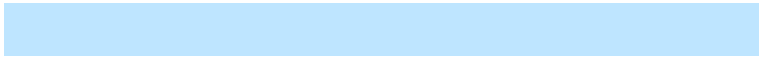


# Rectangle

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



87.0203, -24.9988, -11.2758



87.0219, -6.5421, -24.1732



87.0219, 17.7654, 18.1856



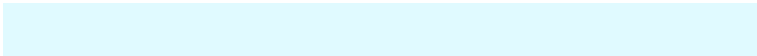
87.0219, -2.7374, 26.2218

# Sweetspot

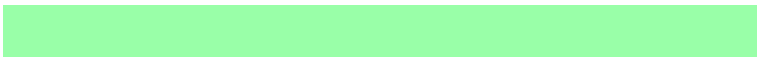
The Sweet Spot groups the original color and five complimentary colors.



87.0219, -24.9999, -11.2735



95.7223, -12.4346, 0.1662



90.0729, -46.6628, 30.2026



44.0789, -6.0840, -0.1832

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

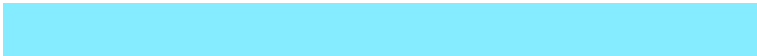


# Same Dimension

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



87.0219, -24.9999, -11.2735



84.8836, -27.4227, -14.2574



70.8944, 0.1176, -35.4349



44.6851, -5.1054, 0.5769



54.1776, -21.5979, -21.0936



17.2703, -7.2162, -6.0086



# Inverse Universe

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



70.9057, 47.6353, -23.7607



66.3102, 58.0814, -28.9452



86.2442, -1.0798, 32.4049



42.7183, 3.2272, -0.7826



37.0015, 70.3447, -30.1876

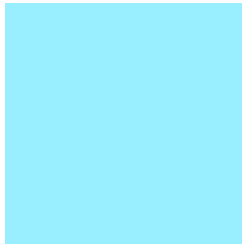


11.6002, 22.1416, -10.1468



# Previews

## White Background



This preview shows how the HunterLab color 87.0203, -24.9988, -11.2758 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

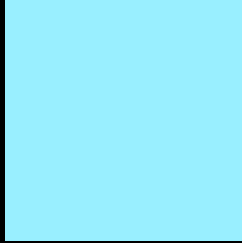
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0203, -24.9988, -11.2758 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

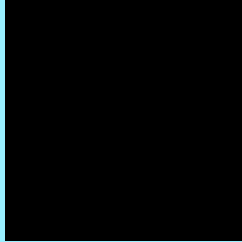
Any Text WCAG AA ✓ Pass

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 87.0203, -24.9988, -11.2758 Background



This preview shows how black text looks on a background with the HunterLab color 87.0203, -24.9988, -11.2758.



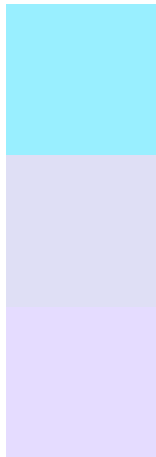
This preview shows how white text looks on a background with the HunterLab color 87.0203, -24.9988, -11.2758.

-24.9988, -11.2758.

# 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

87.0203, -24.9988, -11.2758

### Protanopia

86.6348, -0.5845, -5.7461

### Deuteranopia

86.6397, 4.8699, -11.2705



## Tritanopia

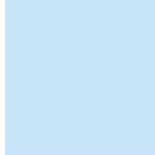
86.8733, -22.0995, -11.4246

# Trichromacy



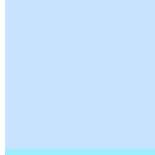
## Original Color

87.0203, -24.9988, -11.2758



## Protanomaly

86.5355, -10.3317, -8.2632



## Deuteranomaly

86.3572, -7.2488, -11.8685



## Tritanomaly

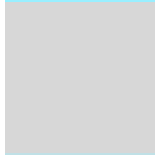
87.0287, -23.2431, -11.2336

# Monochromacy



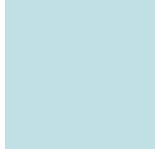
## Original Color

87.0203, -24.9988, -11.2758



## Achromatopsia

82.4344, -4.3985, 4.4788



## Achromatomaly

83.8039, -13.1570, -1.5551

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0203, -24.9988, -11.2758 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(153, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 239, 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(153, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 239, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0203, -24.9988, -11.2758 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(153, 239, 255) }
```



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

```
.border{ border-color:rgb(153, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 239,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0203, -24.9988, -11.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 239, 255) }
```

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

```
.background{ background-color: rgb(153,  
239, 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](#).

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