

# Converting Colors

HunterLab(77.9766, -13.9787,  
-24.1315)

Have a look what the booklet for  
HunterLab(77.9766, -13.9787,  
-24.1315) contains.

<b>HunterLab(77.9925, -13.9935, -24.1074)</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(77.9925,  
-13.9935, -24.1074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91D5FF
RGB	145, 213, 255
RGB Percent	57%, 84%, 100%
CMY	0.4314, 0.1647, 0.0000
CMYK	0.43, 0.16, 0.00, 0.00
HSL	203°, 100%, 78%
HSV	203°, 43%, 100%
XYZ	53.5214, 60.8283, 103.5280
YIQ	197.4560, -54.0100, -1.3540

# Conversions

## Conversions Part 2

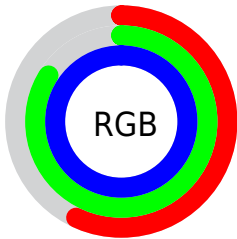
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 187, 255
Decimal	9557503
CIE Lab	82.29, -10.76, -27.20
CIE LCh	82, 29.255, 248.420
Yxy	60.8305, 0.2457, 0.2792
Android (android.graphics.Color)	4287747583 (0xFF91D5FF)
YUV	197.4560, 28.3692, -46.0039
Hunter-Lab	77.9925, -13.9935, -24.1074

# Details

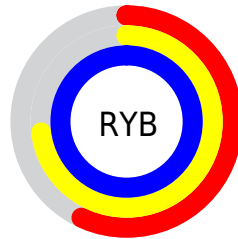
The HunterLab color  $77.9925, -13.9935, -24.1074$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $76.7110, 14.9620, 26.8248$ , and the grayscale version is  $74.8172, -3.9921, 4.0650$ .

A 20% lighter version of the original color is  $95.6224, -20.9166, -0.1049$ , and  $55.3224, -11.4901, -23.3695$  is the 20% darker color. If you saturate the color by 10%, you get  $73.4957, -14.1122, -31.2807$ , and if you desaturate by 10%, it is  $82.7398, -13.0765, -17.0394$ .

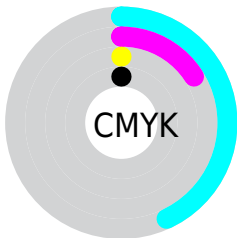
# Distribution



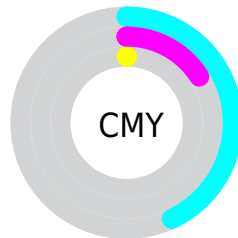
- Red (57%)
- Green (84%)
- Blue (100%)



- Red (57%)
- Yellow (73%)
- Blue (100%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.9925, -13.9935, -24.1074 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 77.9925, -13.9935, -24.1074 by changing the saturation by 10% instead.



■ 77.9925, -13.9935,  
-24.1074

■ 77.9925, -13.9935,  
-24.1074

206.7976,  
-24.8160, -25.1977

■ 66.3991, -12.8346,  
-23.7205

■ 102.9726,  
-16.3289, -24.7036

■ 55.4437, -11.6758,  
-23.2790

■ 116.3027,  
-17.5080, -24.9205

■ 45.1674, -10.5130,  
-22.7841

130.1630,  
-18.6969, -25.0851

■ 35.6186, -9.3390,  
-22.2465

144.5340,  
-19.8966, -25.1997

■ 26.8575, -8.1424,  
-21.6939

159.3981,  
-21.1079, -25.2663

■ 18.9627, -6.9043,  
-21.1968

174.7395,

■ 12.0422, -5.5889,

-22.3313, -25.2870

-20.9593

190.5437,  
-23.5672, -25.2635

■ 5.0324, -8.8066,  
-28.9691

0.0000, NaN, -NF

■ 77.9925, -13.9935,  
-24.1074

■ 77.9925, -13.9935,  
-24.1074

■ 73.4957, -14.1122,  
-31.2807

■ 82.7398, -13.0765,  
-17.0394

■ 69.2643, -13.3503,  
-38.5373

■ 87.7142, -11.4414,  
-10.1009

■ 65.3172, -11.6403,  
-45.8334

■ 92.8988, -9.1685,  
-3.2974

■ 61.6676, -8.9418,  
-53.1174

■ 98.2766, -6.3310,  
3.3702

■ 58.3188, -5.2651,  
-60.3396

100.0000, -5.3358,  
5.4332

■ 56.1705, -2.2783,  
-65.2899

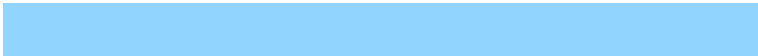
# Harmonies

## Analogous

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



77.9939, -24.5021, -13.7602



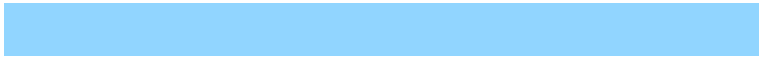
77.9925, -13.9935, -24.1074



77.9939, -0.1109, -26.2068

# Triad

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



77.9939, -13.9943, -24.1051



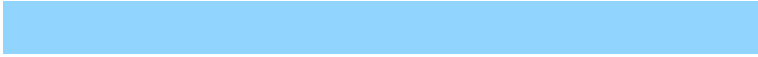
77.9939, 24.8463, 7.9682



77.9939, -20.4802, 22.0374

# Complementary

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



77.9925, -13.9935, -24.1074



76.7110, 14.9620, 26.8248

# 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.



77.9939, -8.1393, 25.8869



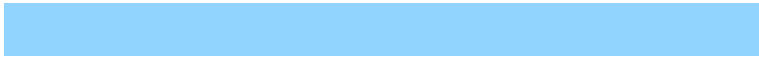
77.9925, -13.9935, -24.1074



77.9939, 18.4946, 18.7740

# Square

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



77.9939, -13.9943, -24.1051



77.9939, 22.9977, -5.9676



77.9939, 6.1750, 24.8101

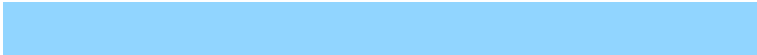


77.9939, -28.0553, 13.2405



# Rectangle

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



77.9925, -13.9935, -24.1074



77.9939, 9.3144, -22.3474



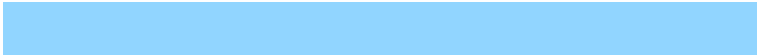
77.9939, 6.1750, 24.8101



77.9939, -16.7883, 23.8739

# Sweetspot

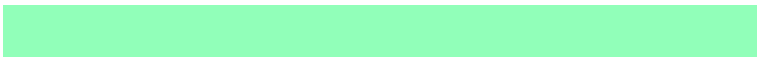
The Sweet Spot groups the original color and five complimentary colors.



77.9939, -13.9943, -24.1051



92.9703, -9.1338, -3.2063



90.0318, -46.0712, 24.3213



42.4747, -4.4822, -2.1725

0.0000, NaN, NaN

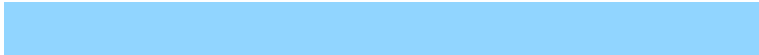


46.2646, -2.4686, 2.5136

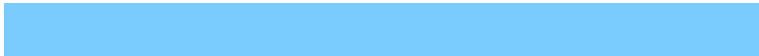


# Same Dimension

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



77.9939, -13.9943, -24.1051



73.9933, -14.1417, -30.4614



61.8610, 13.6318, -52.3186



43.8726, -3.7937, -0.3983



40.9680, -2.2551, -46.3382



13.5847, -1.9957, -12.6715



# Inverse Universe

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



68.0563, 47.1281, -12.0832



62.9723, 57.5849, -14.1961



92.6399, -12.5802, 39.7182



42.6332, 2.7715, 0.4264



35.2453, 64.0852, -6.1133

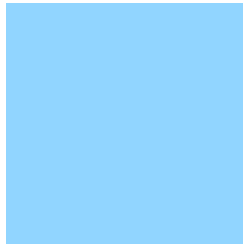


11.0943, 20.3443, -3.2569



# Previews

## White Background



This preview shows how the HunterLab color 77.9925, -13.9935, -24.1074 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

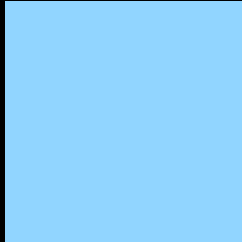
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.9925, -13.9935, -24.1074 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

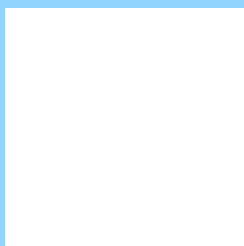
Any Text WCAG AAA ✓ Pass

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

## HunterLab 77.9925, -13.9935, -24.1074 Background



This preview shows how black text looks on a background with the HunterLab color 77.9925, -13.9935, -24.1074.



This preview shows how white text looks on a background with the HunterLab color 77.9925, -13.9935, -24.1074.

-13.9935, -24.1074.

# 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

77.9925, -13.9935, -24.1074

### Protanopia

77.7340, 2.1038, -19.1807

### Deuteranopia

77.6301, 5.4876, -24.3253



## Tritanopia

78.1378, -21.8081, -11.2991

# Trichromacy



## Original Color

77.9925, -13.9935, -24.1074

## Protanomaly

77.6369, -4.2807, -21.3049

## Deuteranomaly

77.6078, -2.3828, -24.4975

## Tritanomaly

78.2210, -19.2102, -15.8106

# Monochromacy



## Original Color

77.9925, -13.9935, -24.1074

## Achromatopsia

74.7222, -3.9870, 4.0598

## Achromatomaly

75.6563, -8.8371, -5.5166

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.9925, -13.9935, -24.1074 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(145, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 213, 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(145, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 213, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.9925, -13.9935, -24.1074 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(145, 213, 255) }
```



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

```
.border{ border-color:rgb(145, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 213,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.9925, -13.9935, -24.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 213, 255) }
```

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

```
.background{ background-color: rgb(145,  
213, 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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