

# Converting Colors

HunterLab(83.4267, -29.1250,  
-26.7321)

Have a look what the booklet for  
HunterLab(83.4267, -29.1250,  
-26.7321) contains.

<b>HunterLab(82.6071, -32.8706, -17.5767)</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(82.6071,  
-32.8706, -17.5767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AEAFF
RGB	90, 234, 255
RGB Percent	35%, 92%, 100%
CMY	0.6470, 0.0823, 0.0000
CMYK	0.65, 0.08, 0.00, 0.00
HSL	188°, 100%, 68%
HSV	188°, 65%, 100%
XYZ	51.6893, 68.2393, 105.0550
YIQ	193.3380, -92.5650, -23.9970

# Conversions

## Conversions Part 2

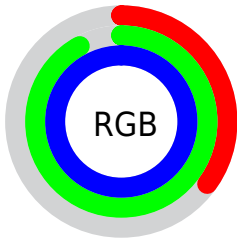
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 167, 255
Decimal	5958399
CIELab	86.13, -32.08, -21.55
CIELCh	86, 38.641, 213.891
Yxy	68.2418, 0.2298, 0.3033
Android (android.graphics.Color)	4284148479 (0xFF5AEAFF)
YUV	193.3380, 30.3994, -90.6274
Hunter-Lab	82.6071, -32.8706, -17.5767

# Details

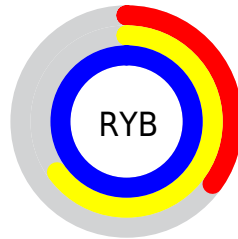
The HunterLab color **82.6071, -32.8706, -17.5767** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **57.7655, 49.6166, 26.5332**, and the grayscale version is **73.0744, -3.8991, 3.9703**.

A 20% lighter version of the original color is **92.6326, -31.9975, -4.0346**, and **59.9316, -27.1043, -16.3990** is the 20% darker color. If you saturate the color by 10%, you get **80.8355, -33.9103, -20.1746**, and if you desaturate by 10%, it is **84.6238, -30.9316, -14.6818**.

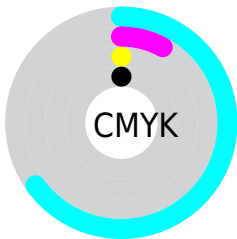
# Distribution



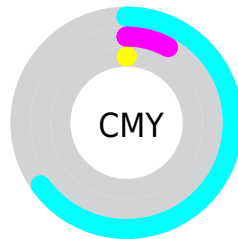
- Red (35%)
- Green (92%)
- Blue (100%)



- Red (35%)
- Yellow (65%)
- Blue (100%)



- Cyan (65%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.6071, -32.8706, -17.5767 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 82.6071, -32.8706, -17.5767 by changing the saturation by 10% instead.



82.6071, -32.8706,  
-17.5767

82.6071, -32.8706,  
-17.5767

213.1554,  
-51.7997, -17.0345

70.7774, -30.5916,  
-17.3783

108.0268,  
-37.2728, -17.7944

59.5722, -28.2415,  
-17.1207

121.5630,  
-39.4146, -17.8239

49.0300, -25.8007,  
-16.7994

135.6216,  
-41.5266, -17.8037

39.1954, -23.2411,  
-16.4138

150.1839,  
-43.6143, -17.7361

30.1238, -20.5210,  
-15.9685

165.2330,  
-45.6821, -17.6233

21.8855, -17.5747,  
-15.4817

180.7537,

14.5755, -14.2891,

-47.7336, -17.4676

-15.0125

196.7321,  
-49.7720, -17.2707

■ 8.2360, -14.4130,  
-15.0797

0.0000, NaN, -NF

■ 82.6071, -32.8706,  
-17.5767

■ 82.6071, -32.8706,  
-17.5767

■ 80.8355, -33.9103,  
-20.1746

■ 84.6238, -30.9316,  
-14.6818

■ 79.2912, -34.0863,  
-22.4808

■ 86.8877, -28.0890,  
-11.5099

■ 77.9520, -33.4830,  
-24.5109

■ 89.4016, -24.3671,  
-8.0804

■ 77.3012, -32.9416,  
-25.5082

■ 92.1625, -19.8085,  
-4.4197

■ 95.1649, -14.4692,  
-0.5561

■ 98.4005, -8.4126,  
3.4819

■ 100.0000, -5.3358,  
5.4332

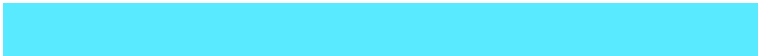
# Harmonies

## Analogous

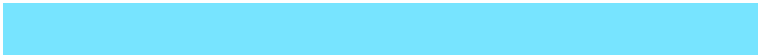
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6086, -38.1042, 2.0783



82.6071, -32.8706, -17.5767



82.6086, -20.0351, -33.6510

# Triad

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



82.6086, -32.8711, -17.5745



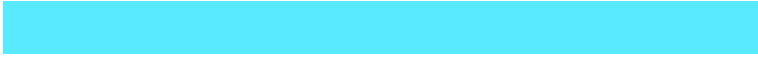
82.6086, 31.4106, -12.4943



82.6086, -6.9021, 32.4155

# Complementary

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



82.6071, -32.8706, -17.5767



57.7655, 49.6166, 26.5332

# 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.



82.6086, 12.4655, 30.2190



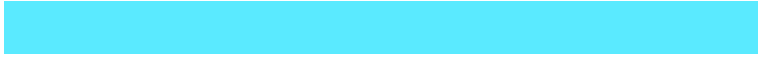
82.6071, -32.8706, -17.5767



82.6086, 35.7295, 6.8440

# Square

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



82.6086, -32.8711, -17.5745



82.6086, 17.1921, -30.2790



82.6086, 28.5115, 21.7763

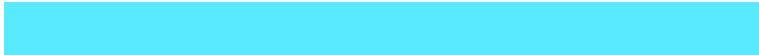


82.6086, -24.0018, 28.6541



# Rectangle

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



82.6071, -32.8706, -17.5767



82.6086, -8.3032, -38.5850



82.6086, 28.5115, 21.7763



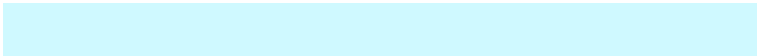
82.6086, -0.4479, 32.3432

# Sweetspot

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



82.6086, -32.8711, -17.5745



93.8454, -16.8556, -2.2396



86.4892, -63.1236, 42.2210



43.0221, -8.4978, -1.5457

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

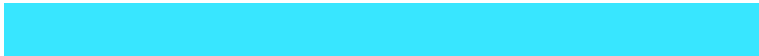


# Same Dimension

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



82.6086, -32.8711, -17.5745



80.3019, -34.0607, -20.9672



56.7982, 6.5137, -63.6454



44.7925, -5.2771, 0.7045



56.0158, -23.9900, -18.2274



17.7782, -7.8686, -5.2351



# Inverse Universe

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



58.7491, 78.7261, -40.9820



54.5836, 90.5478, -45.8494



77.1942, 8.0016, 40.2758



42.7297, 3.2880, -0.9437



37.2768, 71.3132, -33.8625

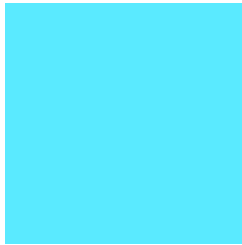


11.6774, 22.4126, -11.1730



# Previews

## White Background



This preview shows how the HunterLab color 82.6071, -32.8706, -17.5767 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

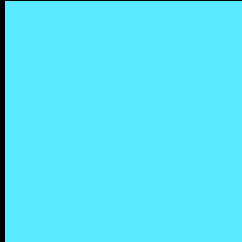
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.6071, -32.8706, -17.5767 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

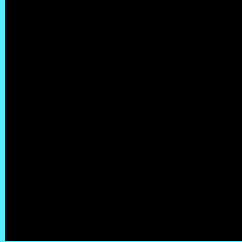
Any Text WCAG AA ✓ Pass

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 82.6071, -32.8706, -17.5767 Background



This preview shows how black text looks on a background with the HunterLab color 82.6071, -32.8706, -17.5767.



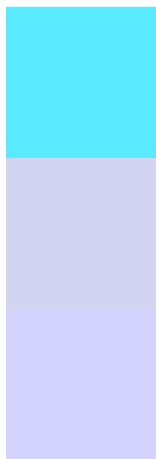
This preview shows how white text looks on a background with the HunterLab color 82.6071, -32.8706, -17.5767.

-32.8706, -17.5767.

# 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

82.6071, -32.8706, -17.5767

### Protanopia

81.9387, 0.3834, -9.7195

### Deuteranopia

82.0428, 4.9117, -17.7299



## Tritanopia

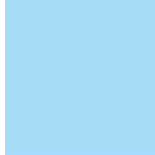
82.4993, -33.4383, -16.5349

# Trichromacy



## Original Color

82.6071, -32.8706, -17.5767



## Protanomaly

81.2079, -14.7281, -13.8746



## Deuteranomaly

81.3682, -11.8016, -19.0050



## Tritanomaly

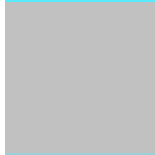
82.5380, -33.2126, -17.0773

# Monochromacy



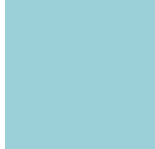
## Original Color

82.6071, -32.8706, -17.5767



## Achromatopsia

73.0258, -3.8965, 3.9676



## Achromatomaly

75.5894, -17.3716, -4.6834

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.6071, -32.8706, -17.5767 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(90, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 234, 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(90, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 234, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.6071, -32.8706, -17.5767 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(90, 234, 255) }
```



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

```
.border{ border-color:rgb(90, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 234,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.6071, -32.8706, -17.5767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 234, 255) }
```

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

```
.background{ background-color: rgb(90, 234,  
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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