

# Converting Colors

HunterLab(65.8088, 19.7570,  
-51.8359)

Have a look what the booklet for  
HunterLab(65.8088, 19.7570,  
-51.8359) contains.

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# Color

**HunterLab(65.3271, 17.0589,  
-45.3118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAA5FF
RGB	170, 165, 255
RGB Percent	67%, 65%, 100%
CMY	0.3333, 0.3529, 0.0000
CMYK	0.33, 0.35, 0.00, 0.00
HSL	243°, 100%, 82%
HSV	243°, 35%, 100%
XYZ	48.0827, 42.6763, 100.3108
YIQ	176.7550, -25.9100, 29.0500

# Conversions

## Conversions Part 2

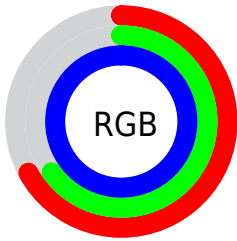
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 165, 255</a>
Decimal	<a href="#">11183615</a>
CIELab	<a href="#">71.34, 21.96, -44.03</a>
CIELCh	<a href="#">71, 49.200, 296.506</a>
Yxy	<a href="#">42.6779, 0.2517, 0.2234</a>
Android (android.graphics.Color)	<a href="#">4289373695 (0xFFAAA5FF)</a>
YUV	<a href="#">176.7550, 38.5748, -5.9241</a>
Hunter-Lab	<a href="#">65.3271, 17.0589, -45.3118</a>

# Details

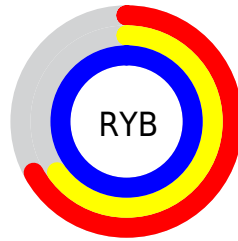
The HunterLab color  $65.3271, 17.0589, -45.3118$  is a light color, and the websafe version is hex  $9999FF$ . A complement of this color would be  $97.2423, -19.6972, 37.8703$ , and the grayscale version is  $66.0581, -3.5247, 3.5891$ .

A 20% lighter version of the original color is  $86.4507, 4.2325, -11.5396$ , and  $44.1954, 16.2326, -44.1562$  is the 20% darker color. If you saturate the color by 10%, you get  $56.5111, 24.9118, -64.0021$ , and if you desaturate by 10%, it is  $74.6633, 10.0173, -28.9453$ .

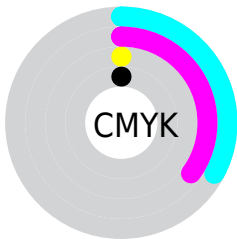
# Distribution



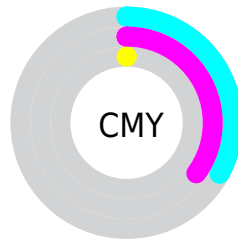
- Red (67%)
- Green (65%)
- Blue (100%)



- Red (67%)
- Yellow (65%)
- Blue (100%)



- Cyan (33%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (35%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.3271, 17.0589, -45.3118 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 65.3271, 17.0589, -45.3118 by changing the saturation by 10% instead.



65.3271, 17.0589,  
-45.3118

65.3271, 17.0589,  
-45.3118

189.0199, 18.3417,  
-50.3819

54.4357, 16.5712,  
-44.6092

89.0082, 17.7830,  
-46.6981

44.2264, 15.9880,  
-43.9524

101.7323, 18.0362,  
-47.3516

34.7497, 15.2956,  
-43.4152

115.0108, 18.2246,  
-47.9666

26.0674, 14.4775,  
-43.1515

128.8216, 18.3530,  
-48.5392

18.2600, 13.5141,  
-43.5099

143.1447, 18.4256,  
-49.0674

11.4396, 12.3869,  
-45.4295

157.9626, 18.4459,

3.8455, 24.6752,

-49.5506

-82.0594

173.2592, 18.4171,  
-49.9886

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.3271, 17.0589,  
-45.3118

■ 65.3271, 17.0589,  
-45.3118

■ 56.5111, 24.9118,  
-64.0021

■ 74.6633, 10.0173,  
-28.9453

■ 48.3540, 33.7706,  
-85.6181

■ 84.4186, 3.6017,  
-14.3648

■ 41.0675, 43.7130,  
-110.5164

■ 94.5256, -2.3409,  
-1.1362

■ 34.9545, 54.3747,  
-137.9832

100.0000, -5.3358,  
5.4332

■ 30.4012, 64.3594,

-164.6488

■ 27.7420, 71.0971,  
-183.8560

■ 27.0457, 73.0114,  
-189.4566

# Harmonies

## Analogous

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



65.3283, -6.1169, -52.6265



65.3271, 17.0589, -45.3118



65.3283, 36.8447, -23.6182

# Triad

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



65.3283, 17.0582, -45.3095



65.3283, 22.2640, 29.4902



65.3283, -41.4530, 6.0258

# Complementary

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



65.3271, 17.0589, -45.3118



97.2423, -19.6972, 37.8703

# 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.



65.3283, -35.9234, 22.5031



65.3271, 17.0589, -45.3118



65.3283, -0.8194, 32.8245

# Square

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



65.3283, 17.0582, -45.3095



65.3283, 40.1258, 19.4457



65.3283, -21.7743, 30.7876



65.3283, -38.0074, -17.7142



# Rectangle

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



65.3271, 17.0589, -45.3118



65.3283, 44.3659, -6.8447



65.3283, -21.7743, 30.7876



65.3283, -40.6037, 12.4857

# Sweetspot

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



65.3283, 17.0582, -45.3095



88.7176, 1.0002, -8.5415



91.5981, -27.9605, -5.2853



40.4135, 0.8388, -4.7910

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.3283, 17.0582, -45.3095



59.3497, 22.2235, -57.5525



69.6442, 30.3252, -37.0969



41.7443, 0.0520, -3.0377



19.5991, 52.8123, -136.5453



6.2465, 16.5776, -41.5472



# Inverse Universe

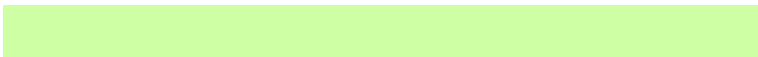
The Inverse Universe completely reimagines the original color for something new.



74.2115, 43.1925, -25.7720



70.1791, 52.4860, -31.5875



93.4277, -33.8334, 34.3861



42.7574, 3.4361, -1.3366



37.9862, 73.7943, -43.2184

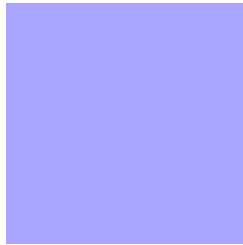


11.8746, 23.1015, -13.7674



# Previews

## White Background



This preview shows how the HunterLab color 65.3271, 17.0589, -45.3118 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

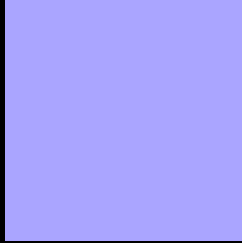
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.3271, 17.0589, -45.3118 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 65.3271, 17.0589, -45.3118 Background



This preview shows how black text looks on a background with the HunterLab color 65.3271, 17.0589, -45.3118.



This preview shows how white text looks on a background with the HunterLab color 65.3271, 17.0589, -45.3118.

-45.3118.

# 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

65.3271, 17.0589, -45.3118

### Protanopia

65.5195, 7.4887, -45.1086

### Deuteranopia

65.4359, 5.5153, -43.7825



## Tritanopia

65.3563, -7.4611, -5.0987

# Trichromacy



## Original Color

65.3271, 17.0589, -45.3118

## Protanomaly

65.2415, 11.0141, -45.5831

## Deuteranomaly

65.3280, 9.7280, -44.6744

## Tritanomaly

65.0926, 1.0079, -18.4315

# Monochromacy



## Original Color

65.3271, 17.0589, -45.3118

## Achromatopsia

66.3066, -3.5380, 3.6026

## Achromatomaly

65.7979, 2.6420, -11.4544

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.3271, 17.0589, -45.3118 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(170, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 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(170, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.3271, 17.0589, -45.3118 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(170, 165, 255) }
```



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

```
.border{ border-color:rgb(170, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.3271, 17.0589, -45.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 255) }
```

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

```
.background{ background-color: rgb(170,  
165, 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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