

# Converting Colors

HunterLab(65.2496, -16.0781,  
-38.4267)

Have a look what the booklet for  
HunterLab(65.2496, -16.0781,  
-38.4267) contains.

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# Color

**HunterLab(65.3471,  
-16.1173, -38.3945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3DBAF5
RGB	61, 186, 245
RGB Percent	24%, 73%, 96%
CMY	0.7607, 0.2706, 0.0392
CMYK	0.75, 0.24, 0.00, 0.04
HSL	199°, 90%, 60%
HSV	199°, 75%, 96%
XYZ	35.9647, 42.7024, 92.7330
YIQ	155.3510, -93.4390, -8.1510

# Conversions

## Conversions Part 2

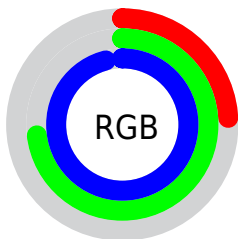
Format	Color
R <sub>YB</sub>	61, 135, 245
Decimal	4045557
CIE <sub>Lab</sub>	71.35, -14.87, -38.97
CIE <sub>LCh</sub>	71, 41.711, 249.109
Yxy	42.7039, 0.2098, 0.2491
Android (android.graphics.Color)	4282235637 (0xFF3DBAF5)
YUV	155.3510, 44.1970, -82.7458
Hunter-Lab	65.3471, -16.1173, -38.3945

# Details

The HunterLab color **65.3471, -16.1173, -38.3945** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **57.6069, 39.2970, 31.6393**, and the grayscale version is **57.2501, -3.0547, 3.1105**.

A 20% lighter version of the original color is **86.9654, -30.4371, -11.4455**, and **45.1729, -10.0413, -34.7858** is the 20% darker color. If you saturate the color by 10%, you get **62.3505, -14.1338, -43.9740**, and if you desaturate by 10%, it is **68.6066, -17.1999, -32.6819**.

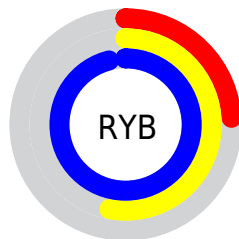
# Distribution



Red (24%)

Green (73%)

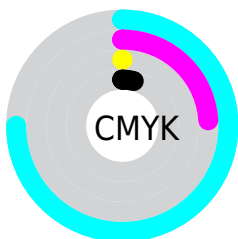
Blue (96%)



Red (24%)

Yellow (53%)

Blue (96%)

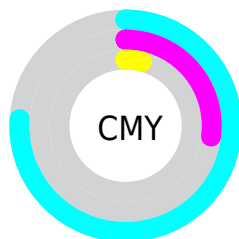


Cyan (75%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (27%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.3471, -16.1173, -38.3945 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 65.3471, -16.1173, -38.3945 by changing the saturation by 10% instead.



65.3471, -16.1173,  
-38.3945

65.3471, -16.1173,  
-38.3945

189.0483,  
-28.4565, -42.5687

54.4544, -14.7290,  
-37.7321

89.0303, -18.8574,  
-39.6356

44.2439, -13.3191,  
-37.0748

101.7554,  
-20.2201, -40.1961

34.7659, -11.8754,  
-36.4721

115.0349,  
-21.5824, -40.7103

26.0821, -10.3789,  
-36.0295

128.8466,  
-22.9467, -41.1767

18.2730, -8.7984,  
-35.9896

143.1706,  
-24.3149, -41.5951

11.4507, -7.0759,  
-37.0132

157.9894,

3.8710, -6.7742,

-25.6885, -41.9660

-65.4427

173.2868,  
-27.0687, -42.2902

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.3471, -16.1173,  
-38.3945

■ 65.3471, -16.1173,  
-38.3945

■ 62.3505, -14.1338,  
-43.9740

■ 68.6066, -17.1999,  
-32.6819

■ 59.6062, -11.2896,  
-49.3973

■ 72.1221, -17.3956,  
-26.8802


■ 58.3304, -9.6693,  
-52.0346


■ 75.8848, -16.7477,  
-21.0288


■ 79.8821, -15.3170,  
-15.1633


■ 84.0995, -13.1718,

-9.3116

 88.5223, -10.3823,  
-3.4946

 93.1361, -7.0159,  
2.2736

 97.7309, -3.8147,  
7.7465

 99.6858, -7.0597,  
9.9221

# Harmonies

## Analogous

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



65.3482, -29.6936, -22.6406



65.3471, -16.1173, -38.3945



65.3482, 2.4461, -41.3781

# Triad

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



65.3482, -16.1169, -38.3932



65.3482, 37.0157, 8.8666



65.3482, -25.1466, 25.3284

# Complementary

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



65.3471, -16.1173, -38.3945



57.6069, 39.2970, 31.6393

# 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.



65.3482, -9.2221, 29.5644



65.3471, -16.1173, -38.3945



65.3482, 27.6281, 22.0295

# Square

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



65.3482, -16.1169, -38.3932



65.3482, 34.6194, -10.2163



65.3482, 10.1742, 28.5615



65.3482, -34.4744, 14.8619



# Rectangle

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



65.3471, -16.1173, -38.3945



65.3482, 15.4179, -35.0740



65.3482, 10.1742, 28.5615



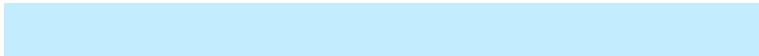
65.3482, -20.4665, 27.3683

# Sweetspot

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



65.3482, -16.1169, -38.3932



88.9409, -13.2390, -8.4945



82.2414, -61.6099, 36.9533



40.3896, -6.5621, -4.9529

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.3482, -16.1169, -38.3932



63.7547, -13.3816, -48.9314



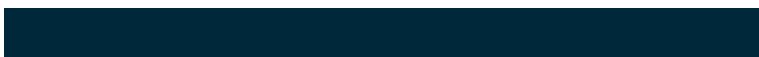
39.6530, 31.7846, -104.1772



42.2012, -3.9659, -0.1164



43.1168, -7.5664, -37.5585



13.4876, -3.3035, -9.7270



# Inverse Universe

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



51.2804, 77.9989, -20.7473



50.3287, 89.1908, -19.1845



81.5307, -7.2436, 46.9001



40.8321, 2.7482, 0.1058



34.6065, 63.6516, -11.6448

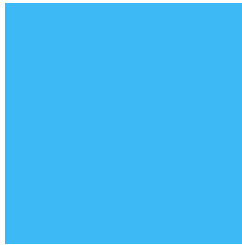


10.3503, 19.1950, -4.7056



# Previews

## White Background



This preview shows how the HunterLab color 65.3471, -16.1173, -38.3945 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

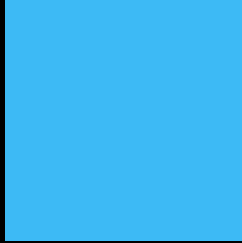
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.3471, -16.1173, -38.3945 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

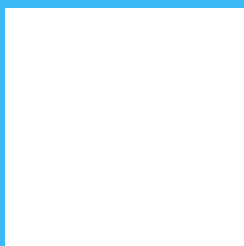
Any Text WCAG AAA ✓ Pass

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

## HunterLab 65.3471, -16.1173, -38.3945 Background



This preview shows how black text looks on a background with the HunterLab color 65.3471, -16.1173, -38.3945.



This preview shows how white text looks on a background with the HunterLab color 65.3471, -16.1173, -38.3945.

-16.1173, -38.3945.

# 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

65.3471, -16.1173, -38.3945

### Protanopia

64.9109, 4.9950, -31.0160

### Deuteranopia

65.0401, 5.2150, -40.7870



## Tritanopia

65.4390, -30.7643, -14.2826

# Trichromacy



## Original Color

65.3471, -16.1173, -38.3945

## Protanomaly

64.2563, -4.5446, -35.1223

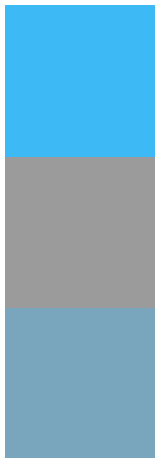
## Deuteranomaly

64.6042, -4.0578, -41.0195

## Tritanomaly

65.1056, -25.8598, -22.6310

# Monochromacy



## Original Color

65.3471, -16.1173, -38.3945

## Achromatopsia

57.2519, -3.0548, 3.1106

## Achromatomaly

59.1339, -11.1207, -11.4591

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.3471, -16.1173, -38.3945 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(61, 186, 245)` looks like.

```
.text, #text, p{  
    color:rgb(61, 186, 245)  
}
```

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(61, 186, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 186, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.3471, -16.1173, -38.3945 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".

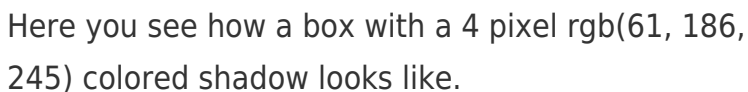
```
.border, #border, table{ border:4px solid rgb(61, 186, 245) }
```



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

```
.border{ border-color:rgb(61, 186, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(61, 186, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 186, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 186, 245);  
box-shadow:4px 4px 4px 4px rgb(61, 186,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.3471, -16.1173, -38.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 186, 245) }
```

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

```
.background{ background-color: rgb(61, 186,  
245) }
```

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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