

# Converting Colors

HunterLab(74.4610, -35.2372,  
6.4759)

Have a look what the booklet for  
HunterLab(74.4610, -35.2372,  
6.4759) contains.

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# Color

**HunterLab(74.4610,  
-35.2372, 6.4759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD7BE
RGB	107, 215, 190
RGB Percent	42%, 84%, 75%
CMY	0.5804, 0.1568, 0.2549
CMYK	0.50, 0.00, 0.12, 0.16
HSL	166°, 57%, 63%
HSV	166°, 50%, 84%
XYZ	39.6581, 55.4444, 57.3268
YIQ	179.8580, -56.3430, -30.6710

# Conversions

## Conversions Part 2

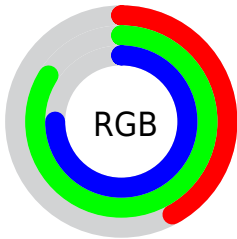
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 168, 215
Decimal	7067582
CIELab	79.30, -37.14, 2.81
CIELCh	79, 37.244, 175.674
Yxy	55.4466, 0.2602, 0.3637
Android (android.graphics.Color)	4285257662 (0xFF6BD7BE)
YUV	179.8580, 5.0000, -63.8965
Hunter-Lab	74.4610, -35.2372, 6.4759

# Details

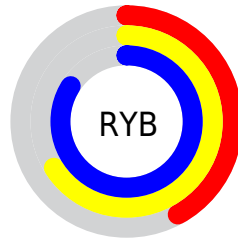
The HunterLab color **74.4610, -35.2372, 6.4759** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51.6042, 39.2289, 7.4015**, and the grayscale version is **67.4970, -3.6015, 3.6672**.

A 20% lighter version of the original color is **92.8295, -31.8657, 0.9560**, and **52.4244, -30.0294, 5.0116** is the 20% darker color. If you saturate the color by 10%, you get **73.5266, -39.2034, 7.5978**, and if you desaturate by 10%, it is **75.6111, -30.5056, 5.5817**.

# Distribution



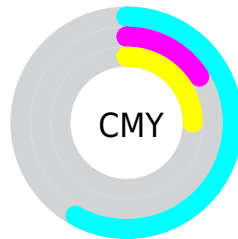
- Red (42%)
- Green (84%)
- Blue (75%)



- Red (42%)
- Yellow (66%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)




- Cyan (58%)
- Magenta (16%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.4610, -35.2372, 6.4759 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 74.4610, -35.2372, 6.4759 by changing the saturation by 10% instead.





 74.4610, -35.2372,  
6.4759


 74.4610, -35.2372,  
6.4759


201.8917,  
-56.3763, 14.3974


 63.0551, -32.6213,  
5.7206


 99.0934, -40.2362,  
8.0677

 52.2982, -29.8993,  
4.9912


 112.2608,  
-42.6465, 8.9012

 42.2339, -27.0415,  
4.2893


 125.9648,  
-45.0112, 9.7591

 32.9136, -24.0039,  
3.6149

140.1850,  
-47.3381, 10.6410

 24.4022, -20.7188,  
2.9677

154.9034,  
-49.6334, 11.5463

 16.7855, -17.0743,  
2.3460

170.1037,

 10.1845, -16.5653,

-51.9022, 12.4745

1.7478

185.7709,  
-54.1486, 13.4250

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4610, -35.2372,  
6.4759

■ 74.4610, -35.2372,  
6.4759

■ 73.5266, -39.2034,  
7.5978

■ 75.6111, -30.5056,  
5.5817

■ 72.7943, -42.4023,  
8.9232

■ 76.9775, -25.0283,  
4.9278

■ 72.2520, -44.8606,  
10.4252

■ 78.5634, -18.8450,  
4.5238

■ 71.8805, -46.6357,  
12.0694


■ 80.3677, -12.0078,  
4.3731


■ 71.6434, -47.8555,


■ 82.3867, -4.5773,


13.7583

4.4736

 84.6149, 3.3815,  
4.8190

 86.7701, 10.8956,  
5.0604

 86.9286, 11.7351,  
2.8000

 87.0915, 12.5958,  
0.4827

# Harmonies

## Analogous

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



74.4625, -30.2840, 20.2305



74.4610, -35.2372, 6.4759



74.4625, -32.4858, -11.5459

# Triad

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



74.4625, -35.2379, 6.4768



74.4625, 11.5035, -31.8369



74.4625, 16.4078, 26.3109

# Complementary

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



74.4610, -35.2372, 6.4759



51.6042, 39.2289, 7.4015

# 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.



74.4625, 29.5933, 16.8705



74.4610, -35.2372, 6.4759



74.4625, 26.5797, -16.8364

# Square

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



74.4625, -35.2379, 6.4768



74.4625, -6.5513, -36.4651



74.4625, 33.4796, 1.5453



74.4625, -1.3675, 29.8365



# Rectangle

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



74.4610, -35.2372, 6.4759



74.4625, -26.4989, -23.3288



74.4625, 33.4796, 1.5453



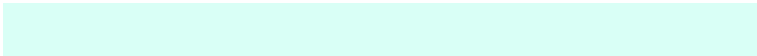
74.4625, 21.5870, 23.8511

# Sweetspot

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



74.4625, -35.2379, 6.4768



96.3827, -18.7363, 5.3563



73.8826, -41.1034, 33.6431



44.3780, -9.4780, 2.4990

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.4625, -35.2379, 6.4768



89.1571, -47.7077, 9.2689



65.7543, -17.5273, -17.7613



37.4919, -5.3195, 2.0356



55.4220, -36.9166, 10.4197



13.6561, -8.7933, 1.9132



# Inverse Universe

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



51.6042, 39.2289, 7.4015



57.0797, 58.1497, 11.4426



57.4999, 21.8607, 21.4698



35.3093, 1.6020, 2.0189



29.6501, 51.2831, 15.2332

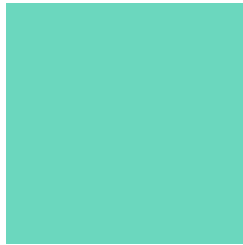


7.3701, 12.9199, 2.4493



# Previews

## White Background



This preview shows how the HunterLab color 74.4610, -35.2372, 6.4759 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

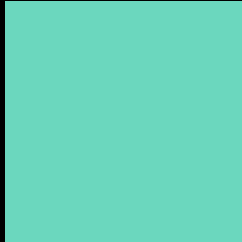
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.4610, -35.2372, 6.4759 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

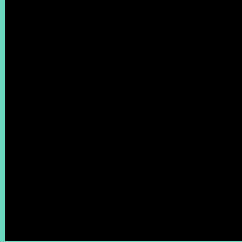
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

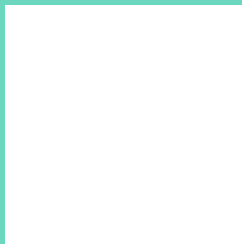
Any Text WCAG AAA ✓ Pass

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

## HunterLab 74.4610, -35.2372, 6.4759 Background



This preview shows how black text looks on a background with the HunterLab color 74.4610, -35.2372, 6.4759.



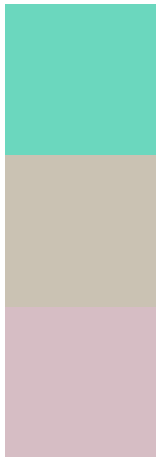
This preview shows how white text looks on a background with the HunterLab color 74.4610, -35.2372, 6.4759.

-35.2372, 6.4759.

# 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

74.4610, -35.2372, 6.4759

### Protanopia

73.7528, -3.7336, 11.0961

### Deuteranopia

73.9438, 5.5237, 3.7856



## Tritanopia

74.4921, -24.0097, -12.3608

# Trichromacy



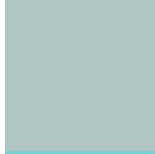
## Original Color

74.4610, -35.2372, 6.4759



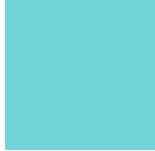
## Protanomaly

73.3999, -17.5459, 8.7338



## Deuteranomaly

73.0734, -11.5769, 3.4130



## Tritanomaly

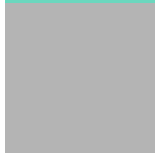
74.5114, -28.2928, -5.2040

# Monochromacy



## Original Color

74.4610, -35.2372, 6.4759



## Achromatopsia

67.5582, -3.6047, 3.6706



## Achromatomaly

69.5506, -16.8511, 3.9044

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.4610, -35.2372, 6.4759 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(107, 215, 190)` looks like.

```
.text, #text, p{  
    color:rgb(107, 215, 190)  
}
```

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(107, 215, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 215, 190) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.4610, -35.2372, 6.4759 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(107, 215, 190) }
```



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

```
.border{ border-color:rgb(107, 215, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 215, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 215, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 215, 190); box-shadow:4px 4px 4px 4px rgb(107, 215, 190) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.4610, -35.2372, 6.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 215, 190) }
```

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

```
.background{ background-color: rgb(107,  
215, 190) }
```

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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