

# Converting Colors

HunterLab(75.5781, -42.1797,  
13.3913)

Have a look what the booklet for  
HunterLab(75.5781, -42.1797,  
13.3913) contains.

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# Color

**HunterLab(75.6059,  
-42.1090, 13.2321)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5CDDDB1                      |
| RGB         | 92, 221, 177                 |
| RGB Percent | 36%, 87%, 69%                |
| CMY         | 0.6392, 0.1333, 0.3059       |
| CMYK        | 0.58, 0.00, 0.20, 0.13       |
| HSL         | 160°, 65%, 61%               |
| HSV         | 160°, 58%, 87%               |
| XYZ         | 38.2059, 57.1625, 50.6148    |
| YIQ         | 177.4130, -62.7600, -41.0320 |

# Conversions

## Conversions Part 2

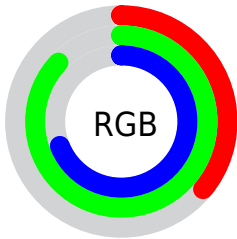
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 92, 170, 221                   |
| Decimal                             | 6086065                        |
| CIELab                              | 80.27, -45.95, 11.06           |
| CIELCh                              | 80, 47.266, 166.474            |
| Yxy                                 | 57.1648, 0.2617,<br>0.3916     |
| Android<br>(android.graphics.Color) | 4284276145<br>(0xFF5CDDDB1)    |
| YUV                                 | 177.4130, -0.2036,<br>-74.9072 |
| Hunter-Lab                          | 75.6059, -42.1090,<br>13.2321  |

# Details

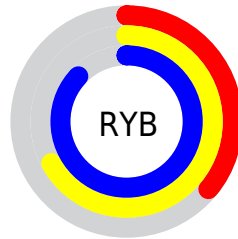
The HunterLab color **75.6059, -42.1090, 13.2321** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **49.8051, 49.3610, 3.8228**, and the grayscale version is **66.4998, -3.5483, 3.6131**.

A 20% lighter version of the original color is **91.6944, -37.0125, 6.0064**, and **53.2956, -35.7664, 11.0008** is the 20% darker color. If you saturate the color by 10%, you get **74.7632, -45.8839, 15.3167**, and if you desaturate by 10%, it is **76.6699, -37.5094, 11.2890**.

# Distribution



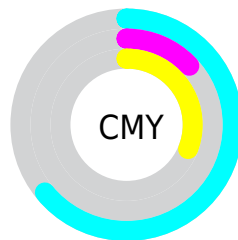
- Red (36%)
- Green (87%)
- Blue (69%)



- Red (36%)
- Yellow (67%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)




- Cyan (64%)
- Magenta (13%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.6059, -42.1090, 13.2321 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 75.6059, -42.1090, 13.2321 by changing the saturation by 10% instead.





 75.6059, -42.1090,  
13.2321


 75.6059, -42.1090,  
13.2321


203.4862,  
-66.8196, 24.1803


 64.1386, -38.9883,  
12.0542


 100.3522,  
-48.0314, 15.6000


 53.3166, -35.7251,  
10.8735


 113.5729,  
-50.8683, 16.7937

 43.1827, -32.2818,  
9.6845


 127.3280,  
-53.6403, 17.9964

 33.7873, -28.6033,  
8.4779

 141.5975,  
-56.3575, 19.2094

 25.1938, -24.6064,  
7.2390

156.3636,  
-59.0278, 20.4337

 17.4853, -20.1571,  
5.9421

171.6099,

 10.7785, -18.8623,

-61.6581, 21.6700

4.9853

187.3220,  
-64.2538, 22.9187

■ 1.7359, -3.0378,  
1.2151

0.0000, NaN, NaN

■ 75.6059, -42.1090,  
13.2321

■ 75.6059, -42.1090,  
13.2321

■ 74.7632, -45.8839,  
15.3167

■ 76.6699, -37.5094,  
11.2890

■ 74.1245, -48.8487,  
17.5065


■ 77.9587, -32.0936,  
9.5140


■ 73.6727, -51.0536,  
19.7634


■ 79.4778, -25.8952,  
7.9315


■ 73.3757, -52.6121,  
22.0384


■ 81.2278, -18.9645,  
6.5589


 73.3337, -52.8383,  
22.4019

 83.2062, -11.3637,  
5.4081

 85.4082, -3.1625,  
4.4853

 87.8271, 5.5668,  
3.7917

 88.9423, 9.7787,  
1.4095

 89.1954, 11.1217,  
-2.1853

# Harmonies

## Analogous

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



75.6074, -33.2670, 27.5682



75.6059, -42.1090, 13.2321



75.6074, -41.6475, -8.6891

# Triad

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



75.6074, -42.1097, 13.2329



75.6074, 8.7974, -47.7820



75.6074, 28.5785, 28.5357

# Complementary

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



75.6059, -42.1090, 13.2321



49.8051, 49.3610, 3.8228

# 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.



75.6074, 42.7533, 15.0106



75.6059, -42.1090, 13.2321



75.6074, 30.4398, -30.6001

# Square

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



75.6074, -42.1097, 13.2329



75.6074, -14.0196, -48.6843



75.6074, 43.4722, -6.3010



75.6074, 6.4893, 34.4676

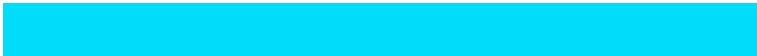


# Rectangle

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



75.6059, -42.1090, 13.2321



75.6074, -36.1555, -25.1038



75.6074, 43.4722, -6.3010



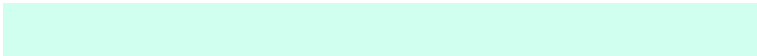
75.6074, 34.5357, 24.9432

# Sweetspot

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



75.6074, -42.1097, 13.2329



95.5731, -22.1088, 7.6798



76.0388, -43.5557, 38.1966



43.9234, -11.3765, 3.7590

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.6074, -42.1097, 13.2329



87.7367, -54.8035, 18.5676



70.4095, -25.5997, -14.6678



38.4059, -5.6452, 2.5543



55.9119, -40.1504, 16.7881



14.2870, -9.8776, 3.4654



# Inverse Universe

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



49.8051, 49.3610, 3.8228



53.2121, 69.2437, 7.4690



52.5279, 35.4236, 21.5579



36.2277, 1.8294, 1.6014



30.4092, 53.1201, 11.5616

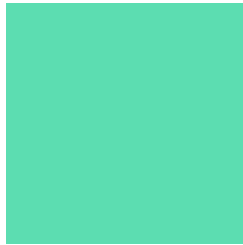


7.8416, 13.8931, 1.4697



# Previews

## White Background



This preview shows how the HunterLab color 75.6059, -42.1090, 13.2321 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

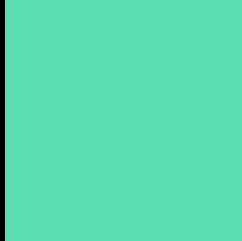
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.6059, -42.1090, 13.2321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

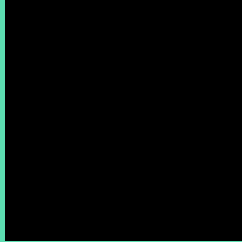
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

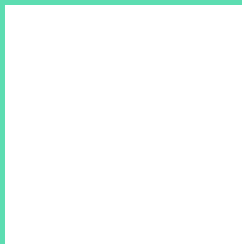
Any Text WCAG AAA ✓ Pass

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

## HunterLab 75.6059, -42.1090, 13.2321 Background



This preview shows how black text looks on a background with the HunterLab color 75.6059, -42.1090, 13.2321.



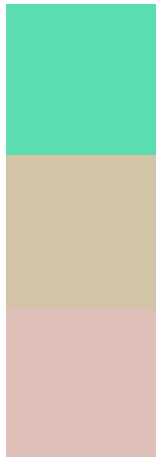
This preview shows how white text looks on a background with the HunterLab color 75.6059,

-42.1090, 13.2321.

# 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

75.6059, -42.1090, 13.2321

### Protanopia

74.9696, -4.8812, 17.9582

### Deuteranopia

75.0013, 5.3735, 10.4615



## Tritanopia

75.6159, -26.3344, -13.1454

# Trichromacy



## Original Color

75.6059, -42.1090, 13.2321



## Protanomaly

74.2389, -21.8196, 15.3859



## Deuteranomaly

73.9535, -15.6373, 10.2480



## Tritanomaly

75.6389, -32.8648, -2.2745

# Monochromacy



## Original Color

75.6059, -42.1090, 13.2321



## Achromatopsia

66.3066, -3.5380, 3.6026



## Achromatomaly

68.8660, -19.7912, 6.2773

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.6059, -42.1090, 13.2321 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(92, 221, 177)` looks like.

```
.text, #text, p{  
    color:rgb(92, 221, 177)  
}
```

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(92, 221, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 221, 177) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.6059, -42.1090, 13.2321 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(92, 221, 177) }
```



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

```
.border{ border-color:rgb(92, 221, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 221, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 221, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 221, 177);  
box-shadow:4px 4px 4px 4px rgb(92, 221,  
177) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.6059, -42.1090, 13.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 221, 177) }
```

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

```
.background{ background-color: rgb(92, 221,  
177) }
```

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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