

# Converting Colors

HunterLab(76.0998, -41.6414,  
25.2915)

Have a look what the booklet for  
HunterLab(76.0998, -41.6414,  
25.2915) contains.

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# Color

**HunterLab(76.0886,  
-41.6788, 25.2819)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ADD91
RGB	122, 221, 145
RGB Percent	48%, 87%, 57%
CMY	0.5216, 0.1333, 0.4314
CMYK	0.45, 0.00, 0.34, 0.13
HSL	134°, 59%, 67%
HSV	134°, 45%, 87%
XYZ	38.9933, 57.8948, 35.9077
YIQ	182.7350, -34.6080, -44.6240

# Conversions

## Conversions Part 2

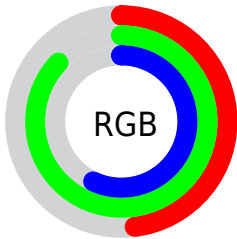
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 202, 221
Decimal	8052113
CIELab	80.68, -45.20, 28.51
CIELCh	81, 53.443, 147.757
Yxy	57.8972, 0.2936, 0.4360
Android (android.graphics.Color)	4286242193 (0xFF7ADD91)
YUV	182.7350, -18.6034, -53.2646
Hunter-Lab	76.0886, -41.6788, 25.2819

# Details

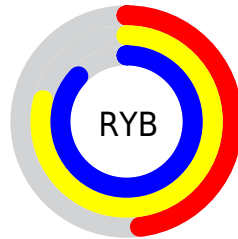
The HunterLab color **76.0886, -41.6788, 25.2819** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **57.7664, 44.0574, -18.4705**, and the grayscale version is **68.7898, -3.6704, 3.7375**.

A 20% lighter version of the original color is **92.3186, -36.5376, 21.5450**, and **53.7050, -35.3019, 20.7838** is the 20% darker color. If you saturate the color by 10%, you get **74.8186, -47.4287, 29.0791**, and if you desaturate by 10%, it is **77.6280, -34.9140, 21.1266**.

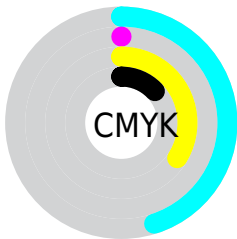
# Distribution



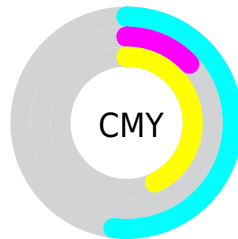
- Red (48%)
- Green (87%)
- Blue (57%)



- Red (48%)
- Yellow (79%)
- Blue (87%)



- Cyan (45%)
- Magenta (0%)
- Yellow (34%)
- Black (13%)




- Cyan (52%)
- Magenta (13%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0886, -41.6788, 25.2819 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 76.0886, -41.6788, 25.2819 by changing the saturation by 10% instead.




 76.0886, -41.6788,  
25.2819


 76.0886, -41.6788,  
25.2819


204.1574,  
-66.0589, 43.1277

 64.5956, -38.6079,  
23.1196


 100.8826,  
-47.5134, 29.4433

 53.7464, -35.3988,  
20.8808


 114.1256,  
-50.3102, 31.4629

 43.5835, -32.0156,  
18.5435


 127.9022,  
-53.0444, 33.4527

 34.1567, -28.4050,  
16.0761

142.1924,  
-55.7257, 35.4187

 25.5289, -24.4869,  
13.4326

156.9784,  
-58.3618, 37.3656

 17.7822, -20.1323,  
10.7819

172.2441,

 11.0314, -18.9734,

-60.9592, 39.2973

7.7220

187.9749,  
-63.5234, 41.2171

■ 2.7469, -4.8071,  
1.9228

0.0000, NaN, NaN

■ 76.0886, -41.6788,  
25.2819

■ 76.0886, -41.6788,  
25.2819

■ 74.8186, -47.4287,  
29.0791

■ 77.6280, -34.9140,  
21.1266

■ 73.8076, -52.1206,  
32.4702


■ 79.4329, -27.1974,  
16.6632

■ 73.0460, -55.7503,  
35.4192


■ 81.5021, -18.6157,  
11.9471


■ 72.5163, -58.3539,  
37.9010


■ 83.8291, -9.2655,  
7.0327

 72.1926, -60.0172,  
39.9034

 86.4054, 0.7522,  
1.9710

 72.0813, -60.6108,  
40.7460

 89.2205, 11.3380,  
-3.1916

 89.5517, 13.0059,  
-7.2284

# Harmonies

## Analogous

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



76.0902, -25.8409, 35.2113



76.0886, -41.6788, 25.2819



76.0902, -47.6045, 5.9678

# Triad

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



76.0902, -41.6800, 25.2826



76.0902, -5.9981, -59.8081



76.0902, 45.0640, 23.0236

# Complementary

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



76.0886, -41.6788, 25.2819



57.7664, 44.0574, -18.4705

# 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.



76.0902, 52.1958, 2.2694



76.0886, -41.6788, 25.2819



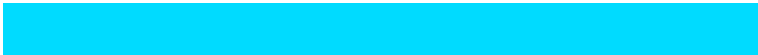
76.0902, 20.4758, -50.6521

# Square

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



76.0902, -41.6800, 25.2826



76.0902, -28.7901, -47.6346



76.0902, 42.6648, -25.6221



76.0902, 24.2879, 34.2458



# Rectangle

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



76.0886, -41.6788, 25.2819



76.0902, -45.8226, -11.7223



76.0902, 42.6648, -25.6221



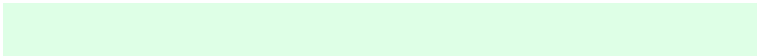
76.0902, 49.2485, 17.1880

# Sweetspot

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



76.0902, -41.6800, 25.2826



96.2881, -20.0911, 13.0862



80.8321, -24.2608, 35.8779



44.2792, -10.3878, 6.6396

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0902, -41.6800, 25.2826



88.0352, -55.5515, 34.0425



77.2664, -34.7132, 8.3102



38.2826, -6.3336, 4.3180



54.9508, -46.1124, 30.8596



14.0342, -11.4393, 7.1527



# Inverse Universe

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



57.7664, 44.0574, -18.4705



62.7541, 63.5678, -26.1824



56.1212, 36.2929, 4.7104



36.3599, 2.5384, -0.2791



32.5984, 61.0302, -19.2799



8.3742, 15.8070, -5.9518



# Previews

## White Background



This preview shows how the HunterLab color 76.0886, -41.6788, 25.2819 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 76.0886, -41.6788, 25.2819 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

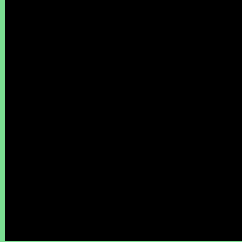
Any Text WCAG AA ✓ Pass

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 76.0886, -41.6788, 25.2819 Background



This preview shows how black text looks on a background with the HunterLab color 76.0886, -41.6788, 25.2819.



This preview shows how white text looks on a background with the HunterLab color 76.0886,

-41.6788, 25.2819.

# 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

76.0886, -41.6788, 25.2819

### Protanopia

75.5457, -7.2320, 28.1438

### Deuteranopia

75.5123, 5.5007, 23.3025



## Tritanopia

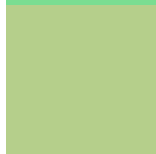
76.0610, -19.7975, -10.6930

# Trichromacy



## Original Color

76.0886, -41.6788, 25.2819



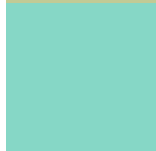
## Protanomaly

75.0423, -21.8366, 26.5597



## Deuteranomaly

74.6649, -14.6254, 23.1734



## Tritanomaly

75.9911, -28.8667, 4.6357

# Monochromacy



## Original Color

76.0886, -41.6788, 25.2819



## Achromatopsia

68.8136, -3.6717, 3.7388



## Achromatomaly

70.9747, -19.0152, 12.0450

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0886, -41.6788, 25.2819 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(122, 221, 145)` looks like.

```
.text, #text, p{  
    color:rgb(122, 221, 145)  
}
```

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(122, 221, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 221, 145) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0886, -41.6788, 25.2819 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(122, 221, 145) }
```



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

```
.border{ border-color:rgb(122, 221, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 221, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 221, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 221, 145); box-shadow:4px 4px 4px 4px rgb(122, 221, 145) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0886, -41.6788, 25.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 221, 145) }
```

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

```
.background{ background-color: rgb(122,  
221, 145) }
```

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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