

# Converting Colors

HunterLab(71.9512, -27.4760,  
8.8718)

Have a look what the booklet for  
HunterLab(71.9512, -27.4760,  
8.8718) contains.

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# Color

**HunterLab(72.1011,  
-27.6456, 8.8743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86CDB3
RGB	134, 205, 179
RGB Percent	53%, 80%, 70%
CMY	0.4745, 0.1961, 0.2980
CMYK	0.35, 0.00, 0.13, 0.20
HSL	158°, 42%, 66%
HSV	158°, 35%, 80%
XYZ	39.7995, 51.9857, 50.5844
YIQ	180.8070, -33.9700, -23.1380

# Conversions

## Conversions Part 2

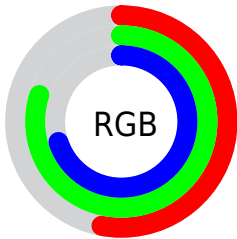
Format	Color
<b>RYB</b>	134, 177, 205
Decimal	8834483
CIELab	77.27, -27.97, 5.92
CIELCh	77, 28.588, 168.057
Yxy	51.9878, 0.2796, 0.3651
Android (android.graphics.Color)	4287024563 (0xFF86CDB3)
YUV	180.8070, -0.8909, -41.0497
Hunter-Lab	72.1011, -27.6456, 8.8743

# Details

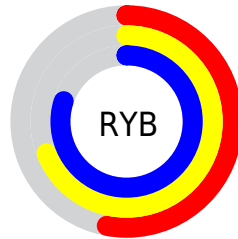
The HunterLab color  $72.1011, -27.6456, 8.8743$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $57.0690, 25.3939, 1.0561$ , and the grayscale version is  $67.9107, -3.6235, 3.6897$ .

A 20% lighter version of the original color is  $93.9878, -28.2280, 7.8394$ , and  $50.0683, -23.2135, 7.0713$  is the 20% darker color. If you saturate the color by 10%, you get  $70.8292, -32.9614, 10.6093$ , and if you desaturate by 10%, it is  $73.5873, -21.6307, 7.3076$ .

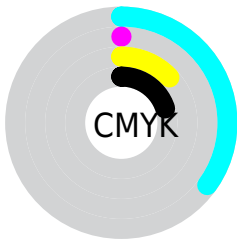
# Distribution



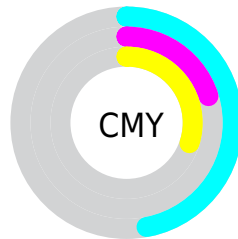
- Red (53%)
- Green (80%)
- Blue (70%)



- Red (53%)
- Yellow (69%)
- Blue (80%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (47%)
- Magenta (20%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.1011, -27.6456, 8.8743 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 72.1011, -27.6456, 8.8743 by changing the saturation by 10% instead.



■ 72.1011, -27.6456,  
8.8743

■ 72.1011, -27.6456,  
8.8743

198.5924,  
-45.1422, 17.8769

■ 60.8238, -25.5408,  
7.9675

■ 96.4952, -31.7078,  
10.7439

■ 50.2035, -23.3650,  
7.0760

■ 109.5514,  
-33.6838, 11.7061

■ 40.2853, -21.0966,  
6.1986

■ 123.1484,  
-35.6334, 12.6872

■ 31.1229, -18.7022,  
5.3318

137.2657,  
-37.5619, 13.6873

■ 22.7849, -16.1294,  
4.4692

151.8846,  
-39.4738, 14.7065

■ 15.3625, -13.2887,  
3.5989

166.9886,

■ 8.9734, -14.0611,

-41.3726, 15.7445

3.2213

182.5624,  
-43.2613, 16.8014

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.1011, -27.6456,  
8.8743

■ 72.1011, -27.6456,  
8.8743

■ 70.8292, -32.9614,  
10.6093

■ 73.5873, -21.6307,  
7.3076

■ 69.7651, -37.5372,  
12.4888

■ 75.2826, -14.9656,  
5.9224

■ 68.9044, -41.3544,  
14.4875

■ 77.1852, -7.7120,  
4.7304

■ 68.2376, -44.4164,  
16.5752


■ 79.2900, 0.0642,  
3.7374


■ 67.7500, -46.7546,


■ 81.5902, 8.2964,


18.7175


2.9450

 67.4208, -48.4346,  
20.8765

 83.8504, 16.1851,  
2.0628

 67.2862, -49.1570,  
22.0141

 84.0985, 17.4809,  
-1.4627

 84.3566, 18.8254,  
-5.1203

 84.6247, 20.2184,  
-8.9093

# Harmonies

## Analogous

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



72.1026, -22.2525, 18.6234



72.1011, -27.6456, 8.8743



72.1026, -27.0217, -4.2013

# Triad

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



72.1026, -27.6466, 8.8752



72.1026, 4.4169, -23.8901



72.1026, 14.4330, 20.0550

# Complementary

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



72.1011, -27.6456, 8.8743



57.0690, 25.3939, 1.0561

# 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.



72.1026, 22.6742, 11.2029



72.1011, -27.6456, 8.8743



72.1026, 16.6035, -14.7169

# Square

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



72.1026, -27.6466, 8.8752



72.1026, -9.1723, -24.8304



72.1026, 23.4966, -1.4037



72.1026, 1.6291, 24.2321



# Rectangle

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



72.1011, -27.6456, 8.8743



72.1026, -23.2696, -13.1158



72.1026, 23.4966, -1.4037



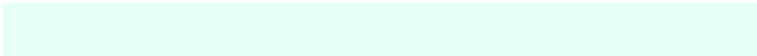
72.1026, 17.8684, 17.6115

# Sweetspot

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



72.1026, -27.6466, 8.8752



97.4133, -15.0573, 6.8608



72.7071, -27.4640, 25.9281



44.9096, -7.5720, 3.2766

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.1026, -27.6466, 8.8752



90.9687, -40.8332, 13.0954



69.8196, -18.6747, -6.3536



35.5733, -5.2402, 2.4599



53.1061, -38.6754, 17.1111



12.1212, -8.4218, 3.0297



# Inverse Universe

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



57.0690, 25.3939, 1.0561



67.8244, 41.3124, 1.3584



58.7257, 16.9102, 13.7107



33.5864, 1.7009, 1.3876



29.0064, 50.8248, 9.8253

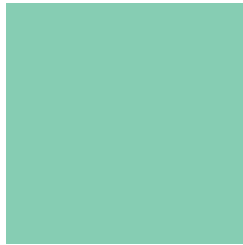


6.6975, 11.9434, 0.6556



# Previews

## White Background



This preview shows how the HunterLab color 72.1011, -27.6456, 8.8743 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

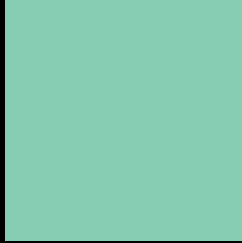
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.1011, -27.6456, 8.8743 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

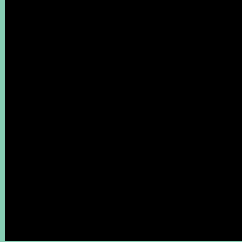
Any Text WCAG AA ✓ Pass

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 72.1011, -27.6456, 8.8743 Background



This preview shows how black text looks on a background with the HunterLab color 72.1011, -27.6456, 8.8743.



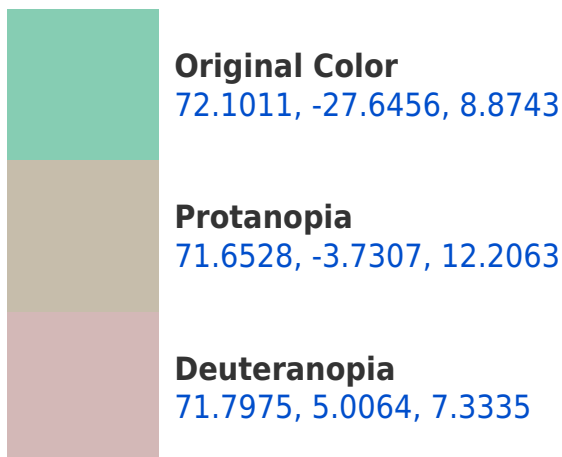
This preview shows how white text looks on a background with the HunterLab color 72.1011, -27.6456, 8.8743.

-27.6456, 8.8743.

# 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





## Tritanopia

72.1230, -16.8122, -9.2588

# Trichromacy



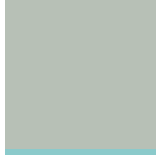
## Original Color

72.1011, -27.6456, 8.8743



## Protanomaly

71.5543, -13.3760, 10.6764



## Deuteranomaly

71.5150, -8.2855, 7.2314



## Tritanomaly

72.1400, -20.9675, -2.3505

# Monochromacy



## Original Color

72.1011, -27.6456, 8.8743



## Achromatopsia

67.9762, -3.6270, 3.6933



## Achromatomaly

69.2926, -13.1680, 5.5205

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.1011, -27.6456, 8.8743 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(134, 205, 179)` looks like.

```
.text, #text, p{  
    color:rgb(134, 205, 179)  
}
```

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(134, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 205, 179) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.1011, -27.6456, 8.8743 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(134, 205, 179) }
```



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

```
.border{ border-color:rgb(134, 205, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 205, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 205, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 205, 179);  
box-shadow:4px 4px 4px 4px rgb(134, 205,  
179) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.1011, -27.6456, 8.8743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 205, 179) }
```

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

```
.background{ background-color: rgb(134,  
205, 179) }
```

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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