

# Converting Colors

HunterLab(70.9072, -12.9212,  
-4.1915)

Have a look what the booklet for  
HunterLab(70.9072, -12.9212,  
-4.1915) contains.

<b>HunterLab(70.7893, -12.6916, -4.4489)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(70.7893,  
-12.6916, -4.4489)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC2CC
RGB	157, 194, 204
RGB Percent	62%, 76%, 80%
CMY	0.3843, 0.2392, 0.2000
CMYK	0.23, 0.05, 0.00, 0.20
HSL	193°, 32%, 71%
HSV	193°, 23%, 80%
XYZ	44.0955, 50.1112, 64.4750
YIQ	184.0770, -25.2620, -4.7340

# Conversions

## Conversions Part 2

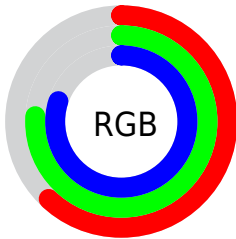
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 178, 204</a>
Decimal	<a href="#">10339020</a>
CIELab	<a href="#">76.14, -10.08, -9.09</a>
CIELCh	<a href="#">76, 13.570, 222.050</a>
Yxy	<a href="#">50.1133, 0.2779, 0.3158</a>
Android (android.graphics.Color)	<a href="#">4288529100 (0xFF9DC2CC)</a>
YUV	<a href="#">184.0770, 9.8220, -23.7465</a>
Hunter-Lab	<a href="#">70.7893, -12.6916, -4.4489</a>

# Details

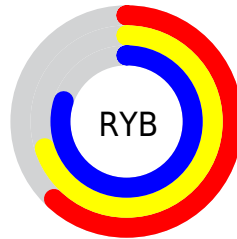
The HunterLab color  $70.7893, -12.6916, -4.4489$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $65.5052, 7.4635, 11.6219$ , and the grayscale version is  $69.2342, -3.6942, 3.7616$ .

A 20% lighter version of the original color is  $94.9797, -16.4330, -0.8195$ , and  $48.9504, -10.1476, -4.9635$  is the 20% darker color. If you saturate the color by 10%, you get  $68.0633, -15.5421, -8.0955$ , and if you desaturate by 10%, it is  $73.6881, -9.3008, -0.7217$ .

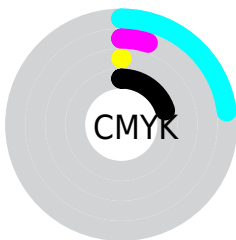
# Distribution



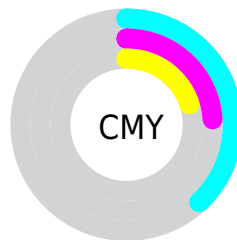
- Red (62%)
- Green (76%)
- Blue (80%)



- Red (62%)
- Yellow (70%)
- Blue (80%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.7893, -12.6916, -4.4489 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 70.7893, -12.6916, -4.4489 by changing the saturation by 10% instead.



■ 70.7893, -12.6916,  
-4.4489

■ 70.7893, -12.6916,  
-4.4489

196.7508,  
-23.1973, -0.6408

■ 59.5847, -11.5704,  
-4.6480

■ 95.0488, -14.9529,  
-3.8927

■ 49.0417, -10.4489,  
-4.7905

■ 108.0421,  
-16.0956, -3.5452

■ 39.2064, -9.3224,  
-4.8693

121.5789,  
-17.2486, -3.1552

■ 30.1338, -8.1825,  
-4.8768

135.6381,  
-18.4131, -2.7249

■ 21.8945, -7.0150,  
-4.8040

150.2010,  
-19.5897, -2.2566

■ 14.5833, -5.7947,  
-4.6401

165.2507,

■ 8.2438, -5.7665,

-20.7790, -1.7520

-4.5612

180.7719,  
-21.9814, -1.2130

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.7893, -12.6916,  
-4.4489

■ 70.7893, -12.6916,  
-4.4489

■ 68.0633, -15.5421,  
-8.0955

■ 73.6881, -9.3008,  
-0.7217

■ 65.5138, -17.8011,  
-11.6427

■ 76.7468, -5.4165,  
3.0630

■ 63.1487, -19.4262,  
-15.0648

■ 79.9579, -1.0886,  
6.8898

■ 60.9725, -20.3839,  
-18.3369

■ 83.3125, 3.6366,  
10.7452

■ 58.9864, -20.6558,

■ 86.3587, 7.2396,

-21.4360

14.1194

■ 57.1868, -20.2467,  
-24.3447

■ 87.6511, 4.9327,  
15.4538

■ 55.5631, -19.1945,  
-27.0576

■ 88.9580, 2.6354,  
16.7866

■ 54.5090, -18.1882,  
-28.8684

■ 90.2790, 0.3480,  
18.1176

■ 91.6137, -1.9294,  
19.4467

# Harmonies

## Analogous

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



70.7907, -15.4228, 1.3646



70.7893, -12.6916, -4.4489



70.7907, -7.5353, -8.2175

# Triad

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



70.7907, -12.6926, -4.4477



70.7907, 8.3155, 0.1483



70.7907, -6.3328, 14.3762

# Complementary

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



70.7893, -12.6916, -4.4489



65.5052, 7.4635, 11.6219

# 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.



70.7907, 0.0532, 14.1135



70.7893, -12.6916, -4.4489



70.7907, 8.6654, 6.2548

# Square

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



70.7907, -12.6926, -4.4477



70.7907, 4.6547, -5.4061



70.7907, 5.5945, 11.2569



70.7907, -11.8393, 12.0096



# Rectangle

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



70.7893, -12.6916, -4.4489



70.7907, -3.3401, -8.8777



70.7907, 5.5945, 11.2569



70.7907, -4.2208, 14.5862

# Sweetspot

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



70.7907, -12.6926, -4.4477



97.1451, -9.0686, 1.9602



72.8852, -23.6648, 14.9926



44.8320, -4.3381, 0.7689

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

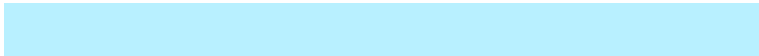


# Same Dimension

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



70.7907, -12.6926, -4.4477



89.2024, -18.3781, -8.2384



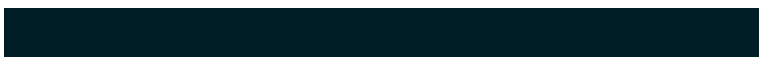
63.7906, -1.4215, -13.8144



35.0801, -3.7247, 0.3054



43.4058, -14.6518, -22.6245



10.3724, -4.0221, -4.2821



# Inverse Universe

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



63.9120, 18.5756, -7.6424



78.5208, 30.8066, -13.2140



72.1500, -4.0950, 18.1732



33.7065, 2.3453, -0.3211



31.1528, 58.5660, -20.3030

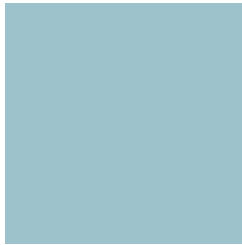


7.1495, 13.5630, -5.6064



# Previews

## White Background



This preview shows how the HunterLab color 70.7893, -12.6916, -4.4489 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

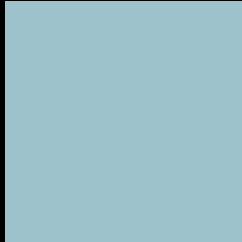
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.7893, -12.6916, -4.4489 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

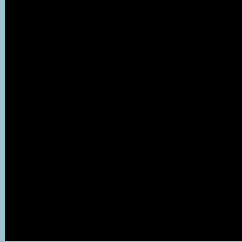
Any Text WCAG AA ✓ Pass

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 70.7893, -12.6916, -4.4489 Background



This preview shows how black text looks on a background with the HunterLab color 70.7893, -12.6916, -4.4489.



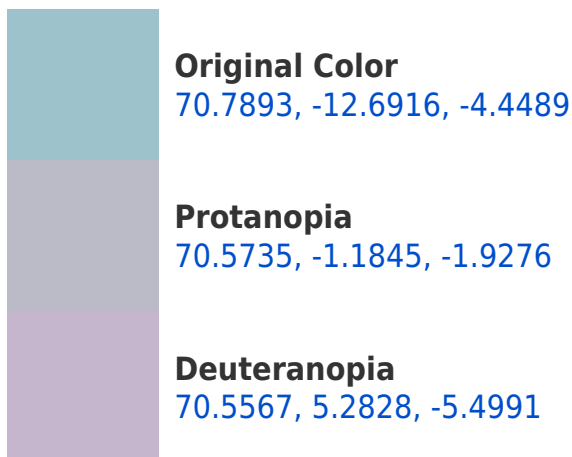
This preview shows how white text looks on a background with the HunterLab color 70.7893, -12.6916, -4.4489.

-12.6916, -4.4489.

# 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

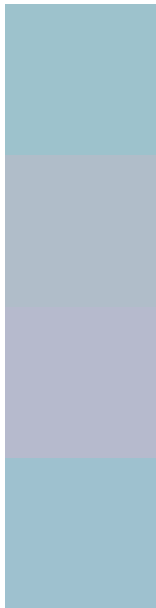




## Tritanopia

70.7195, -10.9865, -7.1879

# Trichromacy



## Original Color

70.7893, -12.6916, -4.4489

## Protanomaly

70.5991, -5.6138, -3.0021

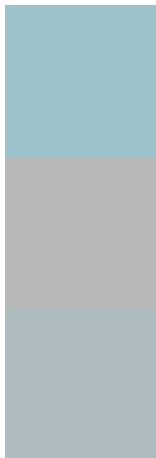
## Deuteranomaly

70.3354, -1.6011, -5.3751

## Tritanomaly

70.6499, -11.3753, -6.2048

# Monochromacy



## Original Color

70.7893, -12.6916, -4.4489

## Achromatopsia

69.2330, -3.6941, 3.7616

## Achromatomaly

69.8045, -7.4887, 1.0164

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.7893, -12.6916, -4.4489 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(157, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(157, 194, 204)  
}
```

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(157, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 194, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.7893, -12.6916, -4.4489 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".

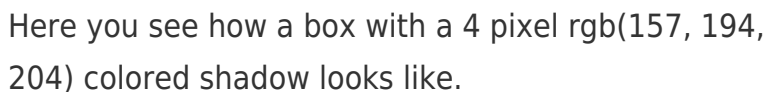
```
.border, #border, table{ border:4px solid rgb(157, 194, 204) }
```



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

```
.border{ border-color:rgb(157, 194, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 194, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 194, 204); box-shadow:4px 4px 4px 4px rgb(157, 194, 204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.7893, -12.6916, -4.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 194, 204) }
```

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

```
.background{ background-color: rgb(157,  
194, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor