

Converting Colors

HunterLab(70.7602, -26.8790,
8.7371)

Have a look what the booklet for
HunterLab(70.7602, -26.8790,
8.7371) contains.

HunterLab(70.6360, -26.5848, 8.5835)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(70.6360,
-26.5848, 8.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	85C9B0
RGB	133, 201, 176
RGB Percent	52%, 79%, 69%
CMY	0.4784, 0.2117, 0.3098
CMYK	0.34, 0.00, 0.12, 0.21
HSL	158°, 39%, 65%
HSV	158°, 34%, 79%
XYZ	38.3960, 49.8944, 48.6812
YIQ	177.8180, -32.5030, -22.1910

Conversions

Conversions Part 2

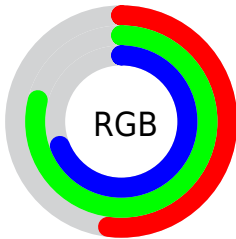
Format	Color
RYB	133, 175, 201
Decimal	8767920
CIELab	76.01, -26.95, 5.70
CIELCh	76, 27.550, 168.064
Yxy	49.8965, 0.2803, 0.3643
Android (android.graphics.Color)	4286958000 (0xFF85C9B0)
YUV	177.8180, -0.8963, -39.3054
Hunter-Lab	70.6360, -26.5848, 8.5835

Details

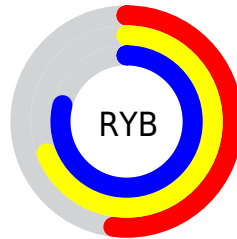
The HunterLab color **70.6360, -26.5848, 8.5835** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.2694, 24.1299, 1.0090**, and the grayscale version is **66.6622, -3.5569, 3.6219**.

A 20% lighter version of the original color is **93.8283, -29.0057, 9.0672**, and **49.0185, -22.4932, 6.7467** is the 20% darker color. If you saturate the color by 10%, you get **69.3753, -31.8421, 10.2752**, and if you desaturate by 10%, it is **72.1059, -20.6491, 7.0566**.

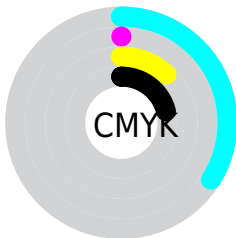
Distribution



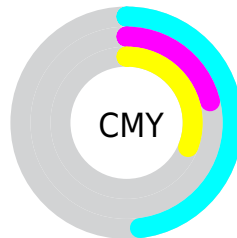
- Red (52%)
- Green (79%)
- Blue (69%)



- Red (52%)
- Yellow (69%)
- Blue (79%)



- Cyan (34%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)





- Cyan (48%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.6360, -26.5848, 8.5835 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 70.6360, -26.5848, 8.5835 by changing the saturation by 10% instead.


 70.6360, -26.5848,
8.5835


 70.6360, -26.5848,
8.5835


196.5352,
-43.6990, 17.4844


 59.4400, -24.5303,
7.6901


 94.8796, -30.5520,
10.4278

 48.9061, -22.4068,
6.8127


 107.8656,
-32.4831, 11.3780

 39.0805, -20.1927,
5.9500


 121.3953,
-34.3892, 12.3476

 30.0185, -17.8546,
5.0985

135.4477,
-36.2756, 13.3365

 21.7909, -15.3391,
4.2520

150.0040,
-38.1466, 14.3448

 14.4928, -12.5540,
3.3981

165.0473,

 8.1539, -14.2694,

-40.0057, 15.3723

3.3404

180.5623,
-41.8557, 16.4189

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.6360, -26.5848,
8.5835

■ 70.6360, -26.5848,
8.5835

■ 69.3753, -31.8421,
10.2752

■ 72.1059, -20.6491,
7.0566

■ 68.3176, -36.3795,
12.1088

■ 73.7797, -14.0834,
5.7071

■ 67.4592, -40.1772,
14.0600

■ 75.6556, -6.9486,
4.5460

■ 66.7909, -43.2363,
16.0996


■ 77.7282, 0.6909,
3.5789


■ 66.2992, -45.5846,


■ 79.9909, 8.7701,


18.1944


2.8069


 65.9642, -47.2827,
20.3077

 82.4360, 17.2259,
2.2276

 65.8104, -48.1059,
21.5897

 82.8383, 19.0010,
-1.0182

 83.0906, 20.3101,
-4.5954

 83.3528, 21.6664,
-8.3013

Harmonies

Analogous

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



70.6374, -21.4088, 17.9516



70.6360, -26.5848, 8.5835



70.6374, -25.9842, -3.9262

Triad

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



70.6374, -26.5858, 8.5844



70.6374, 4.1399, -22.6779



70.6374, 13.7056, 19.3342

Complementary

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



70.6360, -26.5848, 8.5835



56.2694, 24.1299, 1.0090

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.



70.6374, 21.5751, 10.8226



70.6360, -26.5848, 8.5835



70.6374, 15.7835, -13.9474

Square

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



70.6374, -26.5858, 8.5844



70.6374, -8.8645, -23.5741



70.6374, 22.3619, -1.2474



70.6374, 1.4672, 23.3644

Rectangle

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



70.6360, -26.5848, 8.5835



70.6374, -22.3812, -12.4281



70.6374, 22.3619, -1.2474



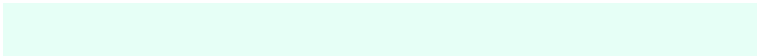
70.6374, 16.9866, 16.9810

Sweetspot

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



70.6374, -26.5858, 8.5844



97.4121, -15.0638, 6.8774



71.3068, -26.0752, 25.0311



44.9089, -7.5755, 3.2853

0.0000, NaN, NaN



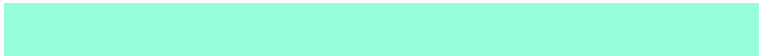
46.2646, -2.4686, 2.5136

Same Dimension

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



70.6374, -26.5858, 8.5844



91.1228, -40.1921, 12.9279



68.8295, -18.5277, -5.5138



34.6393, -5.0948, 2.3991



52.2003, -38.0375, 16.8663



11.4186, -7.9103, 2.8038

Inverse Universe

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



56.2694, 24.1299, 1.0090



68.4733, 40.2109, 1.2637



57.5694, 16.5731, 12.9098



32.7114, 1.6472, 1.3471



28.5201, 49.9855, 9.5607



6.3173, 11.2836, 0.4764

Previews

White Background



This preview shows how the HunterLab color 70.6360, -26.5848, 8.5835 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 70.6360, -26.5848, 8.5835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

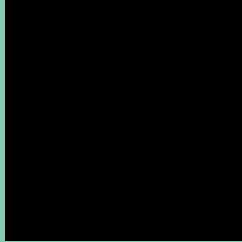
Any Text WCAG AA ✓ Pass

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 70.6360, -26.5848, 8.5835 Background



This preview shows how black text looks on a background with the HunterLab color 70.6360, -26.5848, 8.5835.



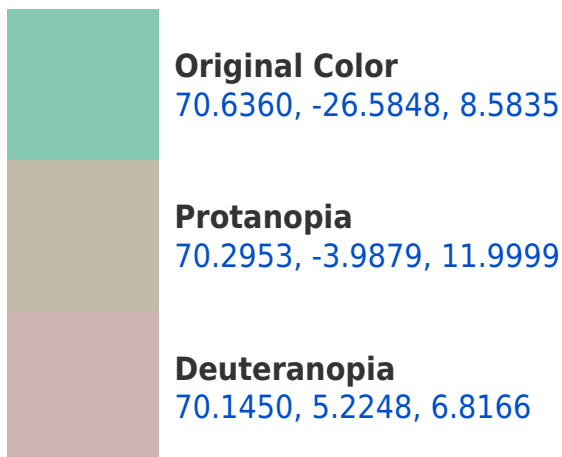
This preview shows how white text looks on a background with the HunterLab color 70.6360,

-26.5848, 8.5835.

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

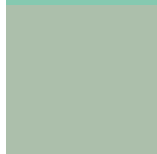
70.6371, -15.9443, -9.0344

Trichromacy



Original Color

70.6360, -26.5848, 8.5835



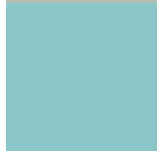
Protanomaly

69.9804, -12.7983, 10.2551



Deuteranomaly

69.9460, -7.7141, 6.8147



Tritanomaly

70.6505, -20.0912, -2.1616

Monochromacy



Original Color

70.6360, -26.5848, 8.5835



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

67.8038, -12.3128, 5.1927

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.6360, -26.5848, 8.5835 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(133, 201, 176)` looks like.

```
.text, #text, p{  
    color:rgb(133, 201, 176)  
}
```

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(133, 201, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 201, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 70.6360, -26.5848, 8.5835 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(133, 201, 176) }
```


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

```
.border{ border-color:rgb(133, 201, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 201, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 201, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 201, 176);  
box-shadow:4px 4px 4px 4px rgb(133, 201,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.6360, -26.5848, 8.5835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 201, 176) }
```

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

```
.background{ background-color: rgb(133,  
201, 176) }
```

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