

# Converting Colors

HunterLab(76.5745, -36.5626,  
8.5001)

Have a look what the booklet for  
HunterLab(76.5745, -36.5626,  
8.5001) contains.

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# Color

**HunterLab(76.4151,  
-36.3669, 8.2060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70DCBF
RGB	112, 220, 191
RGB Percent	44%, 86%, 75%
CMY	0.5608, 0.1372, 0.2510
CMYK	0.49, 0.00, 0.13, 0.14
HSL	164°, 61%, 65%
HSV	164°, 49%, 86%
XYZ	41.6792, 58.3927, 58.3644
YIQ	184.4020, -55.0590, -31.9150

# Conversions

## Conversions Part 2

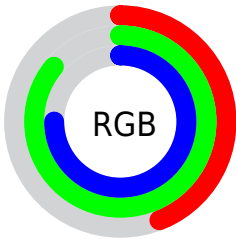
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 174, 220</a>
Decimal	<a href="#">7396543</a>
CIELab	<a href="#">80.96, -38.05, 4.70</a>
CIELCh	<a href="#">81, 38.341, 172.955</a>
Yxy	<a href="#">58.3950, 0.2631, 0.3686</a>
Android (android.graphics.Color)	<a href="#">4285586623 (0xFF70DCBF)</a>
YUV	<a href="#">184.4020, 3.2528, -63.4966</a>
Hunter-Lab	<a href="#">76.4151, -36.3669, 8.2060</a>

# Details

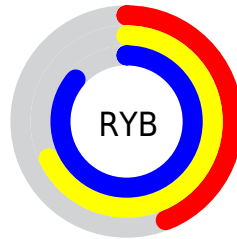
The HunterLab color  $76.4151, -36.3669, 8.2060$  is a light color, and the websafe version is hex  $66CC99$ . A complement of this color would be  $53.5990, 39.8094, 5.8472$ , and the grayscale version is  $69.4064, -3.7034, 3.7710$ .

A 20% lighter version of the original color is  $93.1566, -30.5695, 0.8621$ , and  $53.9349, -30.7496, 6.2640$  is the 20% darker color. If you saturate the color by 10%, you get  $75.4115, -40.6560, 9.6290$ , and if you desaturate by 10%, it is  $77.6428, -31.2848, 6.9997$ .

# Distribution



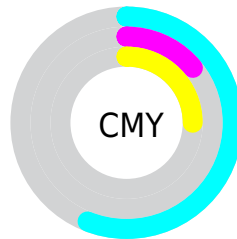
- Red (44%)
- Green (86%)
- Blue (75%)



- Red (44%)
- Yellow (68%)
- Blue (86%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)




- Cyan (56%)
- Magenta (14%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.4151, -36.3669, 8.2060 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 76.4151, -36.3669, 8.2060 by changing the saturation by 10% instead.





 76.4151, -36.3669,  
8.2060


 76.4151, -36.3669,  
8.2060


204.6109,  
-57.8174, 16.8349


 64.9048, -33.7139,  
7.3534


 101.2412,  
-41.4394, 9.9777

 54.0372, -30.9550,  
6.5207


 114.4992,  
-43.8856, 10.8950

 43.8547, -28.0613,  
5.7079


 128.2903,  
-46.2857, 11.8335

 34.4068, -24.9904,  
4.9135

142.5944,  
-48.6472, 12.7929

 25.7559, -21.6774,  
4.1343

157.3939,  
-50.9764, 13.7730

 17.9835, -18.0175,  
3.3643

172.6726,

 11.2032, -16.0345,

-53.2785, 14.7736

2.5905

188.4161,  
-55.5576, 15.7943

■ 3.2565, -5.6988,  
2.2795

0.0000, NaN, NaN

■ 76.4151, -36.3669,  
8.2060

■ 76.4151, -36.3669,  
8.2060

■ 75.4115, -40.6560,  
9.6290

■ 77.6428, -31.2848,  
6.9997

■ 74.6188, -44.1451,  
11.2418


■ 79.0947, -25.4343,  
6.0252


■ 74.0251, -46.8571,  
13.0151


■ 80.7736, -18.8603,  
5.2952

■ 73.6114, -48.8462,  
14.9127


■ 82.6776, -11.6197,  
4.8153


 73.3422, -50.2409,  
16.8827


 84.8026, -3.7776,  
4.5859

 73.3205, -50.3562,  
17.0603

 87.1425, 4.5973,  
4.6028

 88.4844, 9.4627,  
3.3559

 88.6775, 10.4886,  
0.6072

 88.8766, 11.5441,  
-2.2205

# Harmonies

## Analogous

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



76.4166, -30.5269, 21.9133



76.4151, -36.3669, 8.2060



76.4166, -34.2406, -10.2978

# Triad

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



76.4166, -36.3677, 8.2069



76.4166, 10.3383, -34.1615



76.4166, 18.6251, 26.5948

# Complementary

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



76.4151, -36.3669, 8.2060



53.5990, 39.8094, 5.8472

# 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.



76.4166, 31.6288, 16.2487



76.4151, -36.3669, 8.2060



76.4166, 26.5347, -19.2452

# Square

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



76.4166, -36.3677, 8.2069



76.4166, -8.4091, -37.7771



76.4166, 34.6532, -0.1220



76.4166, 0.3446, 30.7605



# Rectangle

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



76.4151, -36.3669, 8.2060



76.4166, -28.4827, -22.7731



76.4166, 34.6532, -0.1220



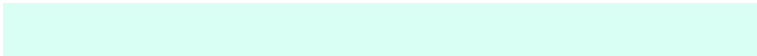
76.4166, 23.8267, 23.8626

# Sweetspot

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



76.4166, -36.3677, 8.2069



96.3377, -18.9893, 5.9985



76.2644, -40.3603, 34.3691



44.3543, -9.6116, 2.8371

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.4166, -36.3677, 8.2069



89.0964, -48.2391, 11.4537



69.5451, -20.3775, -15.2313



38.4276, -5.5248, 2.2456



56.1861, -38.4707, 12.8194



14.3500, -9.4927, 2.5557



# Inverse Universe

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



53.5990, 39.8094, 5.8472



57.7188, 57.8053, 9.0809



58.1609, 24.5462, 20.6404



36.2059, 1.7122, 1.9123



30.2186, 52.4179, 14.3517

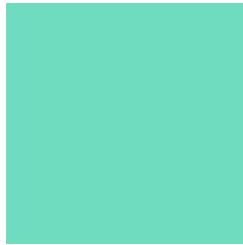


7.7838, 13.6813, 2.3061



# Previews

## White Background



This preview shows how the HunterLab color 76.4151, -36.3669, 8.2060 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

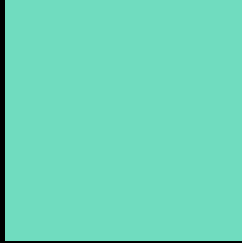
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.4151, -36.3669, 8.2060 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

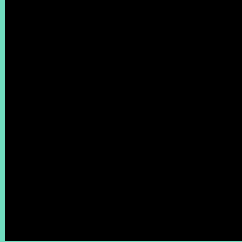
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

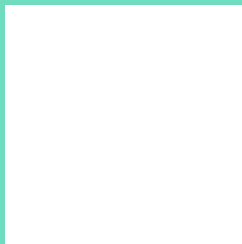
Any Text WCAG AAA ✓ Pass

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

# HunterLab 76.4151, -36.3669, 8.2060 Background



This preview shows how black text looks on a background with the HunterLab color 76.4151, -36.3669, 8.2060.



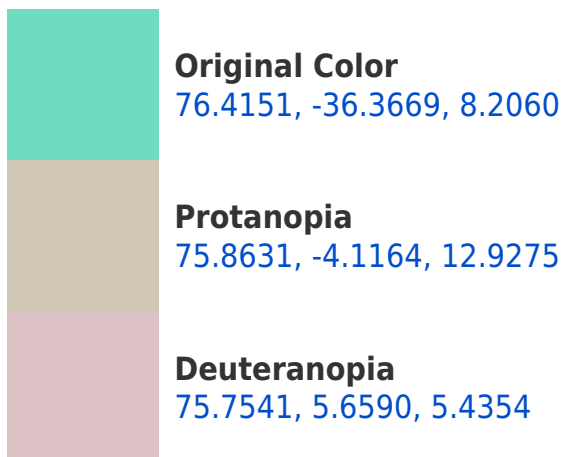
This preview shows how white text looks on a background with the HunterLab color 76.4151,

-36.3669, 8.2060.

# 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

76.2918, -23.7220, -12.7351

# Trichromacy



## Original Color

76.4151, -36.3669, 8.2060



## Protanomaly

75.4789, -18.1042, 10.5716



## Deuteranomaly

75.1504, -12.1281, 5.3616



## Tritanomaly

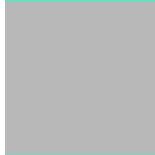
76.2329, -28.4472, -4.5794

# Monochromacy



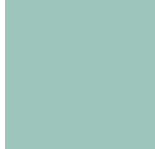
## Original Color

76.4151, -36.3669, 8.2060



## Achromatopsia

69.2330, -3.6941, 3.7616



## Achromatomaly

71.2667, -16.9245, 4.5051

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.4151, -36.3669, 8.2060 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(112, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(112, 220, 191)  
}
```

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(112, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 220, 191) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.4151, -36.3669, 8.2060 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(112, 220, 191) }
```



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

```
.border{ border-color:rgb(112, 220, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(112, 220,  
191) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.4151, -36.3669, 8.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 220, 191) }
```

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

```
.background{ background-color: rgb(112,  
220, 191) }
```

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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