

Converting Colors

HunterLab(76.4976, -37.5149,
5.8936)

Have a look what the booklet for
HunterLab(76.4976, -37.5149,
5.8936) contains.

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Color

**HunterLab(76.5005,
-37.5103, 6.0071)**

Conversions

Conversions Part 1

Format	Color
Hex	66DDC4
RGB	102, 221, 196
RGB Percent	40%, 87%, 77%
CMY	0.6000, 0.1333, 0.2314
CMYK	0.54, 0.00, 0.11, 0.13
HSL	167°, 64%, 63%
HSV	167°, 54%, 87%
XYZ	41.2998, 58.5233, 61.3439
YIQ	182.5690, -62.8990, -33.0030

Conversions

Conversions Part 2

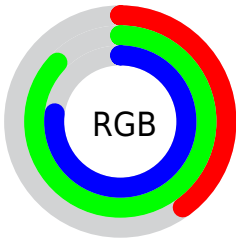
Format	Color
RYB	102, 168, 221
Decimal	6741444
CIELab	81.03, -39.52, 2.11
CIELCh	81, 39.575, 176.946
Yxy	58.5256, 0.2563, 0.3631
Android (android.graphics.Color)	4284931524 (0xFF66DDC4)
YUV	182.5690, 6.6215, -70.6590
Hunter-Lab	76.5005, -37.5103, 6.0071

Details

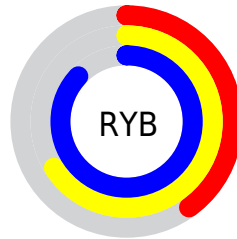
The HunterLab color **76.5005, -37.5103, 6.0071** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **51.3896, 43.4598, 9.2587**, and the grayscale version is **68.6267, -3.6617, 3.7286**.

A 20% lighter version of the original color is **92.8380, -31.3619, -2.6905**, and **54.0246, -31.8824, 4.6462** is the 20% darker color. If you saturate the color by 10%, you get **75.6265, -41.2367, 7.0737**, and if you desaturate by 10%, it is **77.5939, -32.9927, 5.1793**.

Distribution



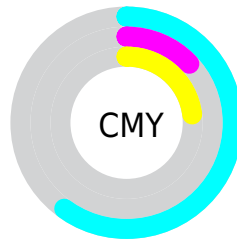
- Red (40%)
- Green (87%)
- Blue (77%)



- Red (40%)
- Yellow (66%)
- Blue (87%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)





- Cyan (60%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.5005, -37.5103, 6.0071 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 76.5005, -37.5103, 6.0071 by changing the saturation by 10% instead.


 76.5005, -37.5103,
6.0071


 76.5005, -37.5103,
6.0071


204.7294,
-59.5521, 13.7195

 64.9856, -34.7735,
5.2810


 101.3350,
-42.7357, 7.5453


 54.1133, -31.9248,
4.5830


 114.5969,
-45.2526, 8.3538

 43.9256, -28.9339,
3.9148


 128.3917,
-47.7200, 9.1880

 34.4722, -25.7562,
3.2775

 142.6995,
-50.1462, 10.0470

 25.8153, -22.3244,
2.6717

157.5025,
-52.5375, 10.9303

 18.0362, -18.5291,
2.0976

172.7847,

 11.2482, -16.5755,

-54.8995, 11.8371

1.5539

188.5314,
-57.2364, 12.7671

■ 3.3770, -5.9097,
2.3639

0.0000, NaN, NaN

■ 76.5005, -37.5103,
6.0071

■ 76.5005, -37.5103,
6.0071

■ 75.6265, -41.2367,
7.0737

■ 77.5939, -32.9927,
5.1793

■ 74.9562, -44.1807,
8.3530


■ 78.9091, -27.6953,
4.6039


■ 74.4749, -46.3822,
9.8157


■ 80.4507, -21.6519,
4.2918


■ 74.1597, -47.9159,
11.4240


■ 82.2186, -14.9107,
4.2466


 74.0224, -48.6281,
12.4525

 84.2101, -7.5309,
4.4663

 86.4202, 0.4222,
4.9444

 88.6592, 8.2710,
5.4451

 88.8069, 9.0579,
3.3386

 88.9583, 9.8632,
1.1833

Harmonies

Analogous

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



76.5020, -32.5828, 20.9204



76.5005, -37.5103, 6.0071



76.5020, -34.2376, -13.4816

Triad

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



76.5020, -37.5110, 6.0080



76.5020, 13.3361, -34.1311



76.5020, 17.0648, 28.1010

Complementary

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



76.5005, -37.5103, 6.0071



51.3896, 43.4598, 9.2587

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.



76.5020, 31.6064, 18.4049



76.5005, -37.5103, 6.0071



76.5020, 29.3091, -17.5250

Square

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



76.5020, -37.5110, 6.0080



76.5020, -6.0391, -39.7534



76.5020, 36.2917, 2.2733



76.5020, -2.1132, 31.5467

Rectangle

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



76.5005, -37.5103, 6.0071



76.5020, -27.6492, -26.1284



76.5020, 36.2917, 2.2733



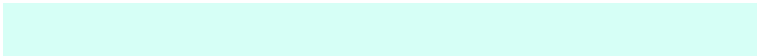
76.5020, 22.7268, 25.6029

Sweetspot

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



76.5020, -37.5110, 6.0080



96.1906, -19.4140, 4.9785



75.6618, -44.8208, 35.9865



44.2983, -9.7557, 2.3033

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.5020, -37.5110, 6.0080



88.7879, -49.1379, 8.5542



66.1123, -17.5183, -20.9185



38.4451, -5.4271, 1.9952



56.4323, -36.9705, 9.2733



14.4053, -9.1569, 1.7618

Inverse Universe

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



51.3896, 43.4598, 9.2587



54.6842, 62.5382, 14.0892



58.1911, 23.8814, 23.4662



36.1885, 1.6185, 2.1608



30.0997, 51.9787, 16.1010



7.7437, 13.5343, 2.8883

Previews

White Background



This preview shows how the HunterLab color 76.5005, -37.5103, 6.0071 looks on a white background.

Color Contrast Check

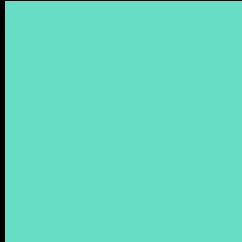
Large Text (above 18pt) WCAG AA × Fail

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 76.5005, -37.5103, 6.0071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

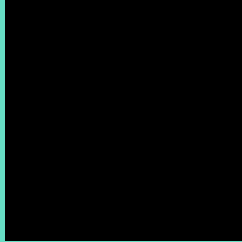
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

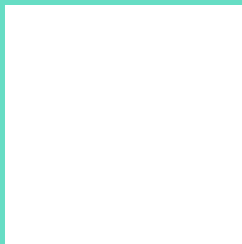
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.5005, -37.5103, 6.0071 Background



This preview shows how black text looks on a background with the HunterLab color 76.5005, -37.5103, 6.0071.



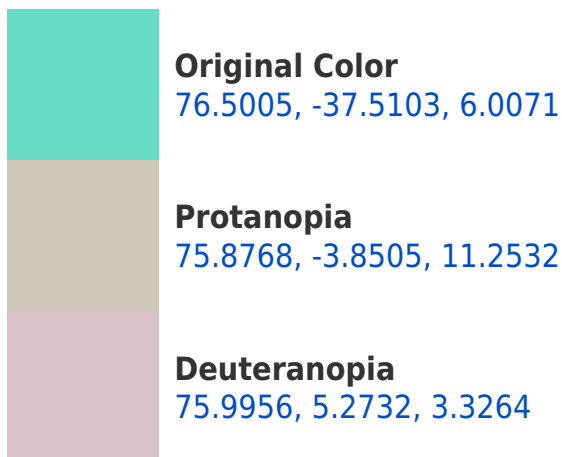
This preview shows how white text looks on a background with the HunterLab color 76.5005,

-37.5103, 6.0071.

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

76.5326, -26.1702, -13.0216

Trichromacy



Original Color

76.5005, -37.5103, 6.0071



Protanomaly

75.2938, -18.5575, 8.6064



Deuteranomaly

75.2236, -13.1786, 3.0526



Tritanomaly

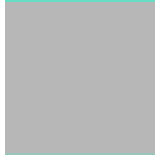
76.5670, -30.4362, -5.7842

Monochromacy



Original Color

76.5005, -37.5103, 6.0071



Achromatopsia

68.8136, -3.6717, 3.7388



Achromatomaly

71.0165, -17.7823, 3.7278

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.5005, -37.5103, 6.0071 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(102, 221, 196)` looks like.

```
.text, #text, p{  
    color:rgb(102, 221, 196)  
}
```

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(102, 221, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 221, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 76.5005, -37.5103, 6.0071 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(102, 221, 196) }
```


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

```
.border{ border-color:rgb(102, 221, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 221, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 221, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 221, 196);  
box-shadow:4px 4px 4px 4px rgb(102, 221,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.5005, -37.5103, 6.0071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 221, 196) }
```

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

```
.background{ background-color: rgb(102,  
221, 196) }
```

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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