

Converting Colors

HunterLab(75.0941, -37.9996,
6.6906)

Have a look what the booklet for
HunterLab(75.0941, -37.9996,
6.6906) contains.

HunterLab(75.0941, -37.9996, 6.6906)	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(75.0941,
-37.9996, 6.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	60DABF
RGB	96, 218, 191
RGB Percent	38%, 85%, 75%
CMY	0.6235, 0.1451, 0.2510
CMYK	0.56, 0.00, 0.12, 0.15
HSL	167°, 62%, 62%
HSV	167°, 56%, 85%
XYZ	39.2993, 56.3912, 58.1036
YIQ	178.4440, -64.0450, -34.2610

Conversions

Conversions Part 2

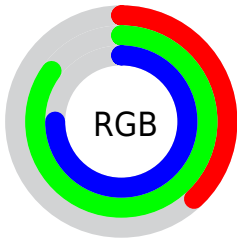
Format	Color
RYB	96, 165, 218
Decimal	6347455
CIELab	79.84, -40.59, 3.01
CIELCh	80, 40.705, 175.755
Yxy	56.3935, 0.2555, 0.3667
Android (android.graphics.Color)	4284537535 (0xFF60DABF)
YUV	178.4440, 6.1901, -72.3034
Hunter-Lab	75.0941, -37.9996, 6.6906

Details

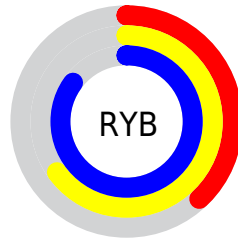
The HunterLab color **75.0941, -37.9996, 6.6906** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **49.7019, 44.7310, 9.0528**, and the grayscale version is **66.9043, -3.5698, 3.6350**.

A 20% lighter version of the original color is **92.3598, -33.5740, -0.1646**, and **52.7488, -32.0885, 4.9153** is the 20% darker color. If you saturate the color by 10%, you get **74.2707, -41.5445, 7.8749**, and if you desaturate by 10%, it is **76.1317, -33.6749, 5.7313**.

Distribution



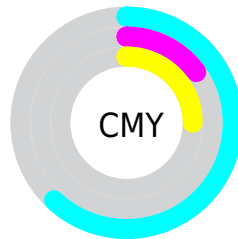
- Red (38%)
- Green (85%)
- Blue (75%)



- Red (38%)
- Yellow (65%)
- Blue (85%)



- Cyan (56%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (62%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.0941, -37.9996, 6.6906 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 75.0941, -37.9996, 6.6906 by changing the saturation by 10% instead.


 75.0941, -37.9996,
6.6906


 75.0941, -37.9996,
6.6906


202.7739,
-60.5263, 14.6957


 63.6541, -35.1883,
5.9239


 99.7896, -43.3564,
8.3036


 52.8612, -32.2572,
5.1825


 112.9865,
-45.9323, 9.1469

 42.7583, -29.1735,
4.4676


 126.7188,
-48.4553, 10.0144

 33.3963, -25.8892,
3.7794

 140.9664,
-50.9339, 10.9055

 24.8394, -22.3306,
3.1170

155.7112,
-53.3751, 11.8196

 17.1718, -18.3779,
2.4786

170.9370,

 10.5119, -17.6460,

-55.7845, 12.7564

1.8581

186.6290,
-58.1669, 13.7152

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.0941, -37.9996,
6.6906

■ 75.0941, -37.9996,
6.6906

■ 74.2707, -41.5445,
7.8749

■ 76.1317, -33.6749,
5.7313

■ 73.6453, -44.3230,
9.2567

■ 77.3865, -28.5777,
5.0127

■ 73.2021, -46.3805,
10.8050

■ 78.8637, -22.7383,
4.5478

■ 72.9168, -47.7991,
12.4805


■ 80.5640, -16.2018,
4.3421

■ 72.8270, -48.2678,


■ 82.4849, -9.0252,


13.1690

4.3958

 84.6221, -1.2720,
4.7040

 86.9692, 6.9910,
5.2582

 87.8041, 10.0743,
3.9270

 87.9601, 10.9022,
1.7046

Harmonies

Analogous

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



75.0956, -32.6772, 21.5831



75.0941, -37.9996, 6.6906



75.0956, -35.0107, -13.2061

Triad

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



75.0956, -38.0002, 6.6915



75.0956, 13.0651, -35.8694



75.0956, 18.3798, 28.0824

Complementary

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



75.0941, -37.9996, 6.6906



49.7019, 44.7310, 9.0528

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.



75.0956, 33.0096, 18.0486



75.0941, -37.9996, 6.6906



75.0956, 29.7272, -18.9974

Square

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



75.0956, -38.0002, 6.6915



75.0956, -6.7784, -41.1375



75.0956, 37.3600, 1.3871



75.0956, -1.2028, 31.7581

Rectangle

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



75.0941, -37.9996, 6.6906



75.0956, -28.5238, -26.3734



75.0956, 37.3600, 1.3871



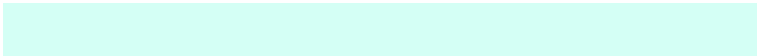
75.0956, 24.1153, 25.4903

Sweetspot

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



75.0956, -38.0002, 6.6915



95.9596, -20.3184, 5.1985



74.3704, -44.7887, 36.2194



44.1979, -10.1532, 2.4199

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.0956, -38.0002, 6.6915



88.5614, -50.2177, 9.6586



65.1493, -18.3154, -20.5425



38.4417, -5.4459, 2.0435



56.3832, -37.2689, 9.9788



14.3944, -9.2232, 1.9186

Inverse Universe

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



49.7019, 44.7310, 9.0528



53.8778, 64.5169, 14.0797



55.9728, 25.8323, 23.2191



36.1918, 1.6365, 2.1132



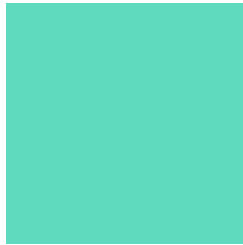
30.1203, 52.0546, 15.7984



7.7510, 13.5611, 2.7821

Previews

White Background



This preview shows how the HunterLab color 75.0941, -37.9996, 6.6906 looks on a white background.

Color Contrast Check

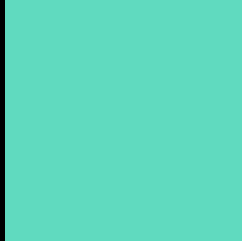
Large Text (above 18pt) WCAG AA × Fail

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 75.0941, -37.9996, 6.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

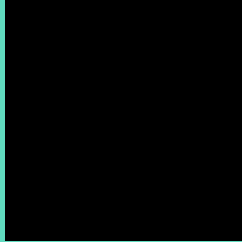
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

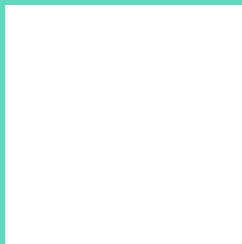
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.0941, -37.9996, 6.6906 Background



This preview shows how black text looks on a background with the HunterLab color 75.0941, -37.9996, 6.6906.



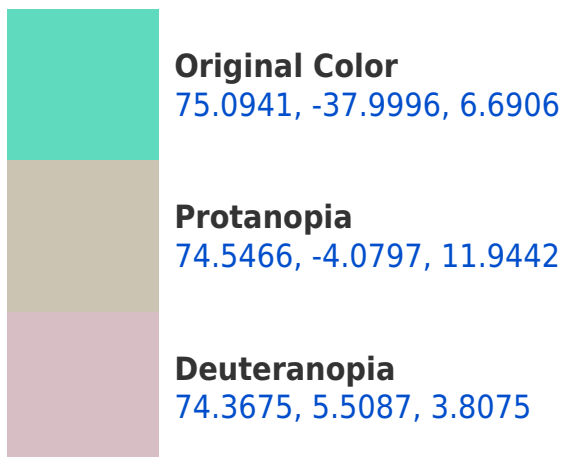
This preview shows how white text looks on a background with the HunterLab color 75.0941, -37.9996, 6.6906.

-37.9996, 6.6906.

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

74.8674, -25.7953, -13.6050

Trichromacy



Original Color

75.0941, -37.9996, 6.6906



Protanomaly

73.8945, -19.0256, 9.2548



Deuteranomaly

73.4979, -13.2173, 3.4084



Tritanomaly

74.8292, -30.4047, -5.8977

Monochromacy



Original Color

75.0941, -37.9996, 6.6906



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

69.1771, -18.2854, 3.9097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.0941, -37.9996, 6.6906 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(96, 218, 191)` looks like.

```
.text, #text, p{  
    color:rgb(96, 218, 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(96, 218, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 218, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 75.0941, -37.9996, 6.6906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

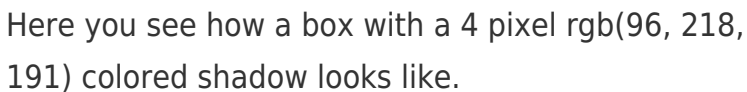
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 218, 191) }
```


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

```
.border{ border-color:rgb(96, 218, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 218, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 218, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 218, 191);  
box-shadow:4px 4px 4px 4px rgb(96, 218,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.0941, -37.9996, 6.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 218, 191) }
```

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

```
.background{ background-color: rgb(96, 218,  
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](#).

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