

Converting Colors

HunterLab(74.1151, -42.3576,
-15.5314)

Have a look what the booklet for
HunterLab(74.1151, -42.3576,
-15.5314) contains.

HunterLab(75.4691, -37.4226, -13.5452)	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(75.4691,
-37.4226, -13.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	00DCE7
RGB	0, 220, 231
RGB Percent	0%, 86%, 91%
CMY	0.9998, 0.1372, 0.0941
CMYK	1.00, 0.05, 0.00, 0.09
HSL	183°, 100%, 45%
HSV	183°, 100%, 91%
XYZ	40.0169, 56.9559, 84.4856
YIQ	155.4740, -134.6510, -43.2190

Conversions

Conversions Part 2

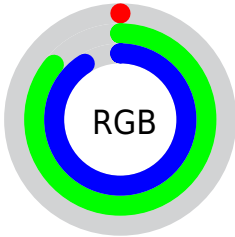
Format	Color
RYB	0, 113, 231
Decimal	56551
CIELab	80.16, -39.71, -18.00
CIELCh	80, 43.600, 204.380
Yxy	56.9579, 0.2205, 0.3139
Android (android.graphics.Color)	4278246631 (0xFF00DCE7)
YUV	155.4740, 37.2343, -136.3507
Hunter-Lab	75.4691, -37.4226, -13.5452

Details

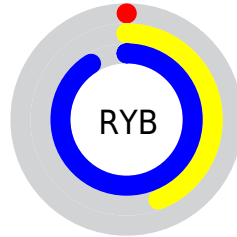
The HunterLab color **75.4691, -37.4226, -13.5452** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **41.5090, 69.5955, 26.7936**, and the grayscale version is **57.3454, -3.0598, 3.1157**.

A 20% lighter version of the original color is **90.6922, -39.3992, -6.6555**, and **54.4482, -26.3954, -11.0754** is the 20% darker color. If you saturate the color by 10%, you get **75.4692, -37.4224, -13.5459**, and if you desaturate by 10%, it is **75.9743, -37.4143, -12.8396**.

Distribution



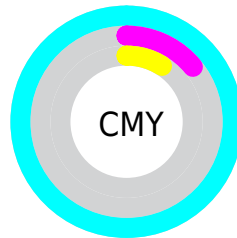
- Red (0%)
- Green (86%)
- Blue (91%)



- Red (0%)
- Yellow (44%)
- Blue (91%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.4691, -37.4226, -13.5452 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 75.4691, -37.4226, -13.5452 by changing the saturation by 10% instead.

75.4691, -37.4226,
-13.5452

75.4691, -37.4226,
-13.5452

203.2958,
-59.5765, -12.2729

64.0090, -34.6651,
-13.4286

100.2017,
-42.6806, -13.5995

53.1947, -31.7933,
-13.2495

113.4161,
-45.2117, -13.5465

43.0691, -28.7749,
-13.0029

127.1651,
-47.6921, -13.4440

33.6827, -25.5637,
-12.6861

141.4287,
-50.1303, -13.2945

25.0989, -22.0891,
-12.3008

156.1891,
-52.5327, -13.1006

17.4013, -18.2360,
-11.8620

171.4300,

10.7070, -17.0837,

-54.9050, -12.8644

-11.4349

187.1367,
-57.2516, -12.5879

■ 1.3139, -2.2993,
-58.2897

0.0000, NaN, -NF

■ 75.4691, -37.4226,
-13.5452

■ 75.4691, -37.4226,
-13.5452

■ 75.4692, -37.4224,
-13.5459

■ 75.9743, -37.4143,
-12.8396

■ 76.6205, -36.8511,
-11.9340

■ 77.4504, -35.5771,
-10.7735

■ 78.4838, -33.5270,
-9.3387

■ 79.7343, -30.6685,
-7.6224

■ 81.2102, -26.9962,
-5.6270

■ 82.9156, -22.5271,
-3.3627

■ 84.8509, -17.2964,
-0.8455

■ 87.0138, -11.3522,
1.9045

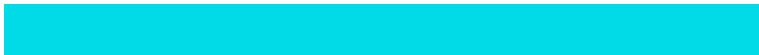
Harmonies

Analogous

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



75.4705, -40.1823, 7.7765



75.4691, -37.4226, -13.5452



75.4705, -26.1530, -34.2957

Triad

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



75.4705, -37.4226, -13.5441



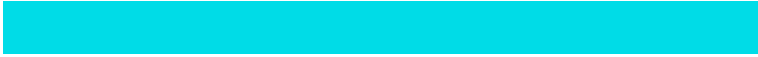
75.4705, 31.7062, -21.8838



75.4705, -0.0327, 33.2242

Complementary

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



75.4691, -37.4226, -13.5452



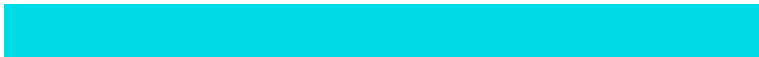
41.5090, 69.5955, 26.7936

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.



75.4705, 20.9749, 29.1514



75.4691, -37.4226, -13.5452



75.4705, 40.5406, 0.2457

Square

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



75.4705, -37.4226, -13.5441



75.4705, 13.3839, -39.9605



75.4705, 36.4138, 18.3152



75.4705, -19.9972, 31.4030

Rectangle

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



75.4691, -37.4226, -13.5452



75.4705, -14.6061, -43.0801



75.4705, 36.4138, 18.3152



75.4705, 7.1606, 32.5434

Sweetspot

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



75.4705, -37.4226, -13.5441



92.7155, -25.3023, -3.8121



75.6108, -64.7547, 45.2827



42.5067, -12.7327, -2.2759

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.4705, -37.4226, -13.5441



84.4008, -41.8344, -15.1852



40.5707, 15.9823, -85.2057



40.2648, -5.0940, 0.9492



56.5540, -28.0773, -10.0768



15.4917, -7.7762, -2.5769

Inverse Universe

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



47.0722, 91.5828, -54.6783



52.6520, 102.4416, -61.1184



55.8677, 30.2478, 34.9531



38.2135, 3.0245, -1.1943



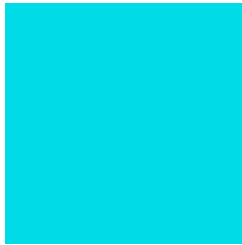
35.2512, 68.6016, -41.0407



9.6018, 18.7153, -11.4066

Previews

White Background



This preview shows how the HunterLab color 75.4691, -37.4226, -13.5452 looks on a white background.

Color Contrast Check

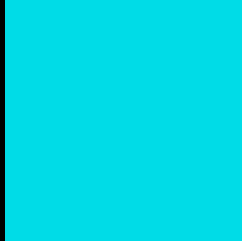
Large Text (above 18pt) WCAG AA × Fail

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 75.4691, -37.4226, -13.5452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

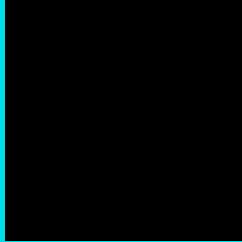
Any Text WCAG AA ✓ Pass

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 75.4691, -37.4226, -13.5452 Background



This preview shows how black text looks on a background with the HunterLab color 75.4691, -37.4226, -13.5452.



This preview shows how white text looks on a background with the HunterLab color 75.4691,

-37.4226, -13.5452.

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



Original Color

75.4691, -37.4226, -13.5452

Protanopia

74.8253, -0.9044, -4.8509

Deuteranopia

74.9164, 5.6178, -17.1473



Tritanopia

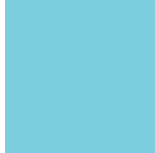
75.4964, -35.0773, -17.0152

Trichromacy



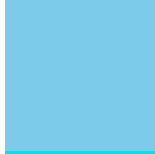
Original Color

75.4691, -37.4226, -13.5452



Protanomaly

72.9165, -21.8632, -11.0748



Deuteranomaly

72.8492, -17.6925, -19.3887



Tritanomaly

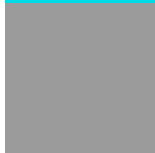
75.3527, -35.7910, -16.0375

Monochromacy



Original Color

75.4691, -37.4226, -13.5452



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

61.8965, -22.3429, -5.1640

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.4691, -37.4226, -13.5452 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(0, 220, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 231)  
}
```

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(0, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 75.4691, -37.4226, -13.5452 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(0, 220, 231) }
```


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

```
.border{ border-color:rgb(0, 220, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 220, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.4691, -37.4226, -13.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 231) }
```

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

```
.background{ background-color: rgb(0, 220,  
231) }
```

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