

Converting Colors

HunterLab(82.0835, -52.4641,
10.6578)

Have a look what the booklet for
HunterLab(82.0835, -52.4641,
10.6578) contains.

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Color

**HunterLab(82.2361,
-52.6166, 10.7962)**

Conversions

Conversions Part 1

Format	Color
Hex	00F2C7
RGB	0, 242, 199
RGB Percent	0%, 95%, 78%
CMY	0.9998, 0.0510, 0.2196
CMYK	1.00, 0.00, 0.18, 0.05
HSL	169°, 100%, 47%
HSV	169°, 100%, 95%
XYZ	42.0609, 67.6278, 64.8694
YIQ	164.7400, -130.4290, -64.6770

Conversions

Conversions Part 2

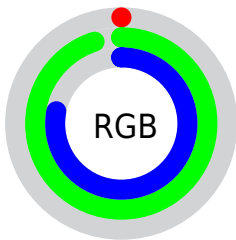
Format	Color
RYB	0, 133, 242
Decimal	62151
CIELab	85.82, -57.86, 7.26
CIELCh	86, 58.311, 172.845
Yxy	67.6304, 0.2410, 0.3874
Android (android.graphics.Color)	4278252231 (0xFF00F2C7)
YUV	164.7400, 16.8902, -144.4770
Hunter-Lab	82.2361, -52.6166, 10.7962

Details

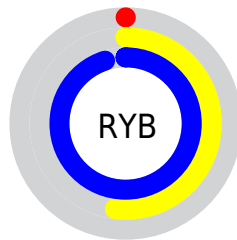
The HunterLab color **82.2361, -52.6166, 10.7962** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **43.6505, 75.1474, 25.1024**, and the grayscale version is **61.2110, -3.2661, 3.3257**.

A 20% lighter version of the original color is **90.7289, -39.2573, -6.6053**, and **60.6154, -39.9374, 10.4494** is the 20% darker color. If you saturate the color by 10%, you get **82.2373, -52.6191, 10.8001**, and if you desaturate by 10%, it is **82.4803, -51.3870, 9.1739**.

Distribution



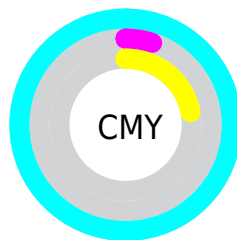
- Red (0%)
- Green (95%)
- Blue (78%)



- Red (0%)
- Yellow (52%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)





- Cyan (100%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 82.2361, -52.6166, 10.7962 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 82.2361, -52.6166, 10.7962 by changing the saturation by 10% instead.


 82.2361, -52.6166,
10.7962


 82.2361, -52.6166,
10.7962


212.6465,
-81.9178, 20.4222


 70.4252, -48.8742,
9.8083


 107.6212,
-59.6977, 12.8194


 59.2396, -44.9571,
8.8327


 121.1410,
-63.0781, 13.8547


 48.7184, -40.8233,
7.8679


 135.1840,
-66.3730, 14.9066

 38.9063, -36.4140,
6.9104

 149.7311,
-69.5943, 15.9754

 29.8590, -31.6437,
5.9545

 164.7656,
-72.7519, 17.0614

 21.6476, -26.3838,
4.9903

180.2721,

 14.3678, -22.0082,

-75.8540, 18.1645

3.9997

196.2366,
-78.9074, 19.2848

■ 8.0278, -14.0486,
4.1874

0.0000, NaN, NaN

■ 82.2361, -52.6166,
10.7962

■ 82.2361, -52.6166,
10.7962

■ 82.2373, -52.6191,
10.8001

■ 82.4803, -51.3870,
9.1739

■ 82.8736, -49.5477,
7.6888

■ 83.4612, -46.9367,
6.4032

■ 84.2662, -43.4836,
5.3549

■ 85.3047, -39.1543,
4.5729

■ 86.5878, -33.9448,
4.0780

■ 88.1216, -27.8766,
3.8833

■ 89.9088, -20.9916,
3.9940

■ 91.9481, -13.3474,
4.4091

Harmonies

Analogous

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



82.2377, -44.1876, 30.4469



82.2361, -52.6166, 10.7962



82.2377, -49.6235, -18.8244

Triad

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



82.2377, -52.6170, 10.7971



82.2377, 18.3310, -60.7223



82.2377, 31.9636, 36.4628

Complementary

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



82.2361, -52.6166, 10.7962



43.6505, 75.1474, 25.1024

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.



82.2377, 53.3888, 22.4802



82.2361, -52.6166, 10.7962



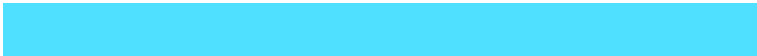
82.2377, 44.7897, -34.3141

Square

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



82.2377, -52.6170, 10.7971



82.2377, -11.2054, -67.2135



82.2377, 58.3805, -2.3895



82.2377, 2.6499, 41.5680

Rectangle

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



82.2361, -52.6166, 10.7962



82.2377, -41.3242, -40.2352



82.2377, 58.3805, -2.3895



82.2377, 40.4835, 32.9370

Sweetspot

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



82.2377, -52.6170, 10.7971



93.4983, -29.6535, 4.1215



80.0319, -66.8785, 48.1435



42.9236, -15.0273, 1.9296

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.2377, -52.6170, 10.7971



87.2681, -55.8622, 11.5130



57.8447, -10.0336, -50.6384



42.2823, -5.9424, 2.0385



60.2896, -38.4735, 7.6965



17.4251, -10.8797, 1.7063

Inverse Universe

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



43.6505, 75.1474, 25.1024



46.3162, 79.7323, 26.7162



49.1314, 56.6195, 31.2642



39.7551, 1.7631, 2.5293



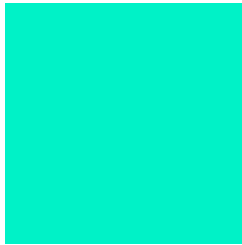
32.0137, 55.1610, 18.0776



9.3032, 16.1668, 4.1909

Previews

White Background



This preview shows how the HunterLab color 82.2361, -52.6166, 10.7962 looks on a white background.

Color Contrast Check

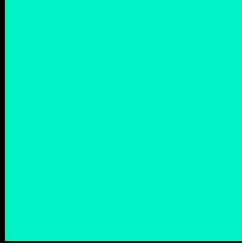
Large Text (above 18pt) WCAG AA × Fail

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 82.2361, -52.6166, 10.7962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

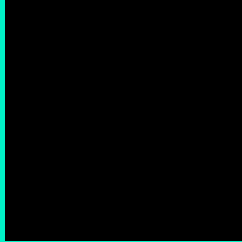
Any Text WCAG AA ✓ Pass

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 82.2361, -52.6166, 10.7962 Background



This preview shows how black text looks on a background with the HunterLab color 82.2361, -52.6166, 10.7962.



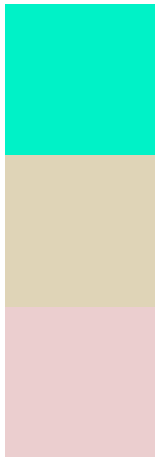
This preview shows how white text looks on a background with the HunterLab color 82.2361,

-52.6166, 10.7962.

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

82.2361, -52.6166, 10.7962

Protanopia

81.3596, -5.2080, 17.3949

Deuteranopia

81.4308, 5.6668, 7.2955



Tritanopia

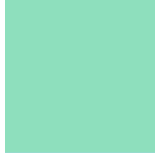
82.0616, -35.0420, -17.7940

Trichromacy



Original Color

82.2361, -52.6166, 10.7962



Protanomaly

78.8671, -32.2573, 11.8395



Deuteranomaly

78.4262, -26.1570, 4.6803



Tritanomaly

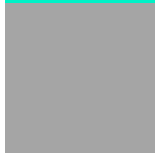
81.8943, -42.5772, -6.6386

Monochromacy



Original Color

82.2361, -52.6166, 10.7962



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

66.5714, -28.4679, 3.4772

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.2361, -52.6166, 10.7962 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, 242, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 199)  
}
```

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, 242, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 82.2361, -52.6166, 10.7962 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, 242, 199) }
```


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

```
.border{ border-color:rgb(0, 242, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 242, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 242, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 242,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.2361, -52.6166, 10.7962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 199) }
```

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

```
.background{ background-color: rgb(0, 242,  
199) }
```

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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