

Converting Colors

HunterLab(76.4224, -38.9256,
-19.0386)

Have a look what the booklet for
HunterLab(76.4224, -38.9256,
-19.0386) contains.

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Color

**HunterLab(76.9325,
-36.2208, -17.9687)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFF2
RGB	0, 223, 242
RGB Percent	0%, 87%, 95%
CMY	0.9997, 0.1255, 0.0510
CMYK	1.00, 0.08, 0.00, 0.05
HSL	185°, 100%, 47%
HSV	185°, 100%, 95%
XYZ	42.4146, 59.1861, 93.1928
YIQ	158.4890, -139.0070, -41.3670

Conversions

Conversions Part 2

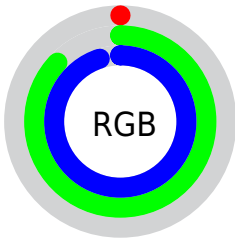
Format	Color
RYB	0, 116, 242
Decimal	57330
CIELab	81.39, -37.71, -21.97
CIELCh	81, 43.646, 210.223
Yxy	59.1882, 0.2177, 0.3038
Android (android.graphics.Color)	4278247410 (0xFF00DFF2)
YUV	158.4890, 41.1709, -138.9949
Hunter-Lab	76.9325, -36.2208, -17.9687

Details

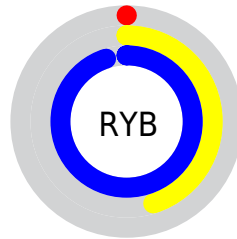
The HunterLab color **76.9325, -36.2208, -17.9687** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **43.9836, 72.5894, 28.3707**, and the grayscale version is **58.5598, -3.1246, 3.1817**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **55.8414, -25.2193, -15.3556** is the 20% darker color. If you saturate the color by 10%, you get **76.9318, -36.2195, -17.9705**, and if you desaturate by 10%, it is **77.7216, -36.5461, -16.8317**.

Distribution



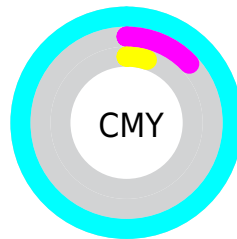
- Red (0%)
- Green (87%)
- Blue (95%)



- Red (0%)
- Yellow (45%)
- Blue (95%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)





- Cyan (100%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.9325, -36.2208, -17.9687 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 76.9325, -36.2208, -17.9687 by changing the saturation by 10% instead.


 76.9325, -36.2208,
-17.9687


 76.9325, -36.2208,
-17.9687


205.3288,
-57.5185, -17.7435


 65.3947, -33.5904,
-17.7294


 101.8092,
-41.2512, -18.2671


 54.4982, -30.8573,
-17.4288


 115.0910,
-43.6789, -18.3343


 44.2847, -27.9928,
-17.0644


 128.9048,
-46.0616, -18.3502

 34.8036, -24.9555,
-16.6382

 143.2310,
-48.4067, -18.3174

 26.1163, -21.6826,
-16.1606

 158.0517,
-50.7203, -18.2383

 18.3034, -18.0725,
-15.6661

173.3511,

 11.4768, -15.7548,

-53.0075, -18.1150

-15.2683

189.1145,
-55.2724, -17.9494

■ 3.9298, -6.8771,
-26.0572

0.0000, NaN, -NF

■ 76.9325, -36.2208,
-17.9687

■ 76.9325, -36.2208,
-17.9687

■ 76.9318, -36.2195,
-17.9705

■ 77.7216, -36.5461,
-16.8317

■ 78.6648, -36.2707,
-15.4774

■ 79.8056, -35.2353,
-13.8512

■ 81.1638, -33.3755,
-11.9374

■ 82.7517, -30.6628,
-9.7338

■ 84.5763, -27.0975,
-7.2487

■ 86.6398, -22.7029,
-4.4976

■ 88.9411, -17.5199,
-1.5014

■ 91.4760, -11.6016,
1.7160

Harmonies

Analogous

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



76.9339, -40.7336, 4.0370



76.9325, -36.2208, -17.9687



76.9339, -23.3013, -37.5791

Triad

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



76.9339, -36.2207, -17.9675



76.9339, 34.5107, -17.6347



76.9339, -4.2673, 33.7208

Complementary

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



76.9325, -36.2208, -17.9687



43.9836, 72.5894, 28.3707

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.



76.9339, 17.1709, 30.7883



76.9325, -36.2208, -17.9687



76.9339, 40.9803, 4.3381

Square

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



76.9339, -36.2207, -17.9675



76.9339, 17.4742, -37.3532



76.9339, 34.3227, 21.2422



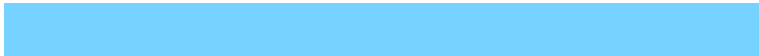
76.9339, -23.5476, 30.6980

Rectangle

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



76.9325, -36.2208, -17.9687



76.9339, -10.9012, -44.5867



76.9339, 34.3227, 21.2422



76.9339, 2.9271, 33.4113

Sweetspot

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



76.9339, -36.2207, -17.9675



91.9190, -24.1497, -4.8070



79.7141, -68.1833, 47.5555



42.0838, -12.1317, -2.8098

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.9339, -36.2207, -17.9675



81.6228, -38.4128, -19.0991



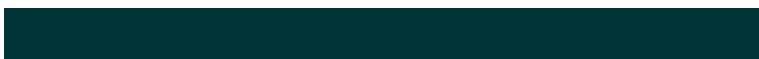
40.6141, 21.5281, -97.2312



42.0762, -5.1839, 0.8647



56.4693, -26.6498, -13.0525



16.4782, -7.9230, -3.4929

Inverse Universe

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



49.2004, 95.0783, -52.1495



52.2080, 100.8937, -55.3015



60.6756, 27.9307, 37.8751



40.0109, 3.1351, -1.1104



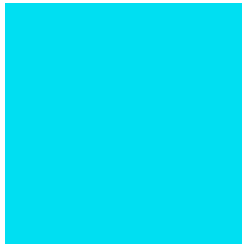
36.0728, 69.7356, -38.3943



10.4347, 20.2194, -11.4718

Previews

White Background



This preview shows how the HunterLab color 76.9325, -36.2208, -17.9687 looks on a white background.

Color Contrast Check

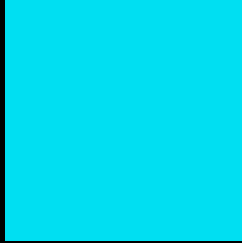
Large Text (above 18pt) WCAG AA × Fail

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 76.9325, -36.2208, -17.9687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

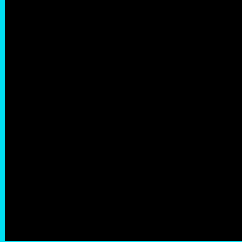
Any Text WCAG AA ✓ Pass

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 76.9325, -36.2208, -17.9687 Background



This preview shows how black text looks on a background with the HunterLab color 76.9325, -36.2208, -17.9687.



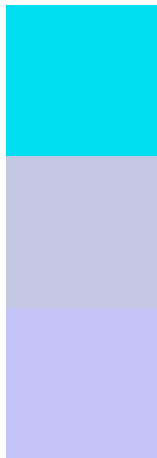
This preview shows how white text looks on a background with the HunterLab color 76.9325,

-36.2208, -17.9687.

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

76.9325, -36.2208, -17.9687

Protanopia

76.2060, -0.0446, -9.0229

Deuteranopia

76.1531, 6.0764, -22.1103



Tritanopia

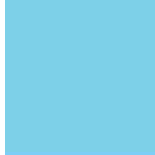
76.8936, -36.4505, -17.4240

Trichromacy



Original Color

76.9325, -36.2208, -17.9687



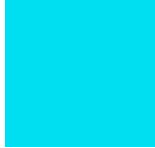
Protanomaly

74.3626, -20.7271, -15.4108



Deuteranomaly

74.2674, -16.6119, -24.1332



Tritanomaly

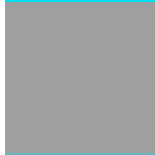
76.8936, -36.4505, -17.4240

Monochromacy



Original Color

76.9325, -36.2208, -17.9687



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

63.1639, -22.1397, -6.6577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.9325, -36.2208, -17.9687 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, 223, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 242)  
}
```

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, 223, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 76.9325, -36.2208, -17.9687 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, 223, 242) }
```


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

```
.border{ border-color:rgb(0, 223, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 223, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.9325, -36.2208, -17.9687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 242) }
```

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

```
.background{ background-color: rgb(0, 223,  
242) }
```

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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