

Converting Colors

HunterLab(77.1028, -36.0220,
-6.6152)

Have a look what the booklet for
HunterLab(77.1028, -36.0220,
-6.6152) contains.

HunterLab(76.9627, -35.7315, -6.9828)	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(76.9627,
-35.7315, -6.9828)**

Conversions

Conversions Part 1

Format	Color
Hex	4FDEDF
RGB	79, 222, 223
RGB Percent	31%, 87%, 87%
CMY	0.6902, 0.1294, 0.1255
CMYK	0.65, 0.00, 0.00, 0.13
HSL	180°, 69%, 59%
HSV	180°, 65%, 87%
XYZ	42.6650, 59.2326, 78.9964
YIQ	179.3570, -85.5490, -30.0050

Conversions

Conversions Part 2

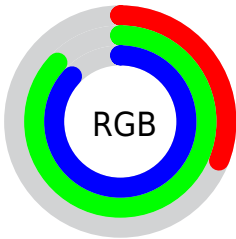
Format	Color
RYB	79, 151, 223
Decimal	5234399
CIELab	81.42, -37.07, -11.75
CIElCh	81, 38.890, 197.582
Yxy	59.2348, 0.2359, 0.3274
Android (android.graphics.Color)	4283424479 (0xFF4FDEDF)
YUV	179.3570, 21.5160, -88.0131
Hunter-Lab	76.9627, -35.7315, -6.9828

Details

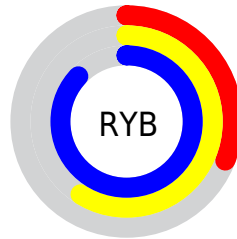
The HunterLab color **76.9627, -35.7315, -6.9828** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **46.8946, 50.0645, 20.4184**, and the grayscale version is **67.2302, -3.5872, 3.6527**.

A 20% lighter version of the original color is **92.0651, -34.1445, -4.7952**, and **54.8631, -28.6485, -6.7302** is the 20% darker color. If you saturate the color by 10%, you get **76.3881, -37.7056, -7.7768**, and if you desaturate by 10%, it is **77.7424, -32.9933, -5.9158**.

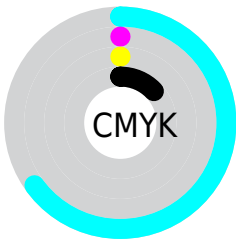
Distribution



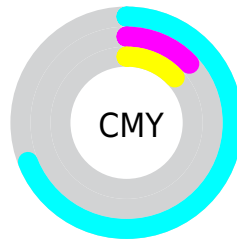
- Red (31%)
- Green (87%)
- Blue (87%)



- Red (31%)
- Yellow (59%)
- Blue (87%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.9627, -35.7315, -6.9828 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 76.9627, -35.7315, -6.9828 by changing the saturation by 10% instead.

■ 76.9627, -35.7315,
-6.9828

■ 76.9627, -35.7315,
-6.9828

205.3708,
-56.7709, -3.8128

■ 65.4234, -33.1382,
-7.1040

■ 101.8425,
-40.6952, -6.5786

■ 54.5252, -30.4448,
-7.1674

■ 115.1256,
-43.0920, -6.3049

■ 44.3099, -27.6232,
-7.1666

■ 128.9408,
-45.4451, -5.9870

■ 34.8268, -24.6332,
-7.0951

■ 143.2682,
-47.7620, -5.6275

■ 26.1374, -21.4132,
-6.9457

158.0902,
-50.0485, -5.2285

■ 18.3222, -17.8639,
-6.7116

173.3908,

■ 11.4928, -15.5045,

-52.3096, -4.7920

-6.3934

189.1554,
-54.5492, -4.3196

■ 3.9656, -6.9397,
-12.0677

0.0000, NaN, NaN

■ 76.9627, -35.7315,
-6.9828

■ 76.9627, -35.7315,
-6.9828

■ 76.3881, -37.7056,
-7.7768

■ 77.7424, -32.9933,
-5.9158

■ 75.9968, -38.9660,
-8.3190


■ 78.7353, -29.4663,
-4.5708


■ 75.7662, -39.5979,
-8.6379


■ 79.9509, -25.1511,
-2.9469


■ 75.6847, -39.7688,
-8.7499


■ 81.3935, -20.0683,
-1.0515

 83.0641, -14.2553,
1.1025

 84.9611, -7.7621,
3.4977

 87.0802, -0.6471,
6.1136

 89.1580, 6.1634,
8.6210

 89.2044, 6.0806,
8.6723

Harmonies

Analogous

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



76.9642, -36.4334, 11.2474



76.9627, -35.7315, -6.9828



76.9642, -27.0854, -25.8916

Triad

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



76.9642, -35.7318, -6.9817



76.9642, 24.5452, -22.9147



76.9642, 3.8472, 30.8469

Complementary

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



76.9627, -35.7315, -6.9828



46.8946, 50.0645, 20.4184

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.



76.9642, 21.9215, 25.5605



76.9627, -35.7315, -6.9828



76.9642, 34.6210, -3.6076

Square

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



76.9642, -35.7318, -6.9817



76.9642, 7.1577, -36.5056



76.9642, 33.6170, 13.9022



76.9642, -14.7660, 30.3615

Rectangle

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



76.9627, -35.7315, -6.9828



76.9642, -17.4633, -35.0296



76.9642, 33.6170, 13.9022



76.9642, 10.2191, 29.7515

Sweetspot

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



76.9642, -35.7318, -6.9817



95.7740, -19.7904, 0.1010



74.1643, -55.1164, 38.8200



44.0537, -10.0473, -0.2837

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.9642, -35.7318, -6.9817



88.7659, -44.4181, -9.2724



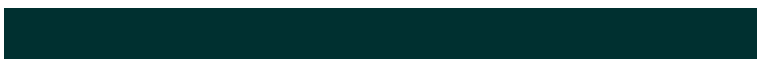
53.9677, -3.1160, -43.4979



39.4401, -5.1692, 1.0801



58.0411, -30.5022, -6.7009



15.2983, -8.0513, -1.7412

Inverse Universe

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



51.5320, 70.5901, -46.5244



56.1112, 94.6410, -62.5256



61.9577, 15.1999, 31.3641



37.3282, 3.0128, -1.3506



35.0840, 68.8740, -45.4812



9.2397, 18.1430, -12.0119

Previews

White Background



This preview shows how the HunterLab color 76.9627, -35.7315, -6.9828 looks on a white background.

Color Contrast Check

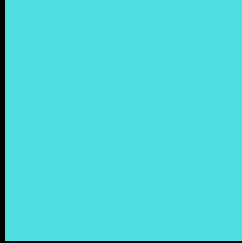
Large Text (above 18pt) WCAG AA × Fail

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 76.9627, -35.7315, -6.9828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

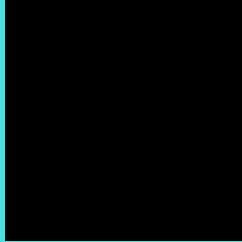
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

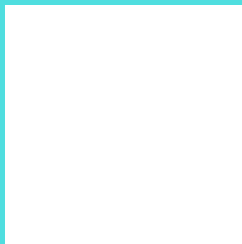
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.9627, -35.7315, -6.9828 Background



This preview shows how black text looks on a background with the HunterLab color 76.9627, -35.7315, -6.9828.



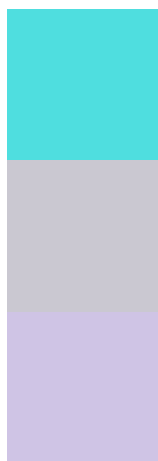
This preview shows how white text looks on a background with the HunterLab color 76.9627,

-35.7315, -6.9828.

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

76.9627, -35.7315, -6.9828

Protanopia

76.4647, -1.8724, 0.3117

Deuteranopia

76.4215, 5.5069, -10.3243



Tritanopia

77.0311, -30.8445, -15.3331

Trichromacy



Original Color

76.9627, -35.7315, -6.9828



Protanomaly

75.5876, -17.5140, -3.6313



Deuteranomaly

75.2876, -12.7489, -11.0623



Tritanomaly

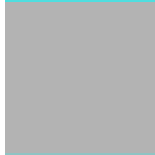
77.0942, -32.7344, -12.3554

Monochromacy



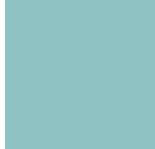
Original Color

76.9627, -35.7315, -6.9828



Achromatopsia

67.1406, -3.5825, 3.6479



Achromatomaly

69.8641, -18.2930, -1.0857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.9627, -35.7315, -6.9828 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(79, 222, 223)` looks like.

```
.text, #text, p{  
    color:rgb(79, 222, 223)  
}
```

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(79, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 222, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 76.9627, -35.7315, -6.9828 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(79, 222, 223) }
```


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

```
.border{ border-color:rgb(79, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(79, 222,  
223) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.9627, -35.7315, -6.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 222, 223) }
```

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

```
.background{ background-color: rgb(79, 222,  
223) }
```

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