

Converting Colors

HunterLab(67.9384, -42.6480,
7.1478)

Have a look what the booklet for
HunterLab(67.9384, -42.6480,
7.1478) contains.

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Color

**HunterLab(67.9443,
-42.6120, 7.0626)**

Conversions

Conversions Part 1

Format	Color
Hex	00CCAC
RGB	0, 204, 172
RGB Percent	0%, 80%, 67%
CMY	0.9999, 0.2000, 0.3255
CMYK	1.00, 0.00, 0.16, 0.20
HSL	171°, 100%, 40%
HSV	171°, 100%, 80%
XYZ	29.0393, 46.1643, 46.4098
YIQ	139.3560, -111.3120, -53.2000

Conversions

Conversions Part 2

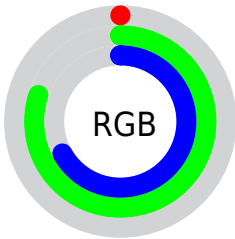
Format	Color
RYB	0, 111, 204
Decimal	52396
CIELab	73.65, -49.67, 4.06
CIELCh	74, 49.838, 175.329
Yxy	46.1661, 0.2388, 0.3796
Android (android.graphics.Color)	4278242476 (0xFF00CCAC)
YUV	139.3560, 16.0935, -122.2152
Hunter-Lab	67.9443, -42.6120, 7.0626

Details

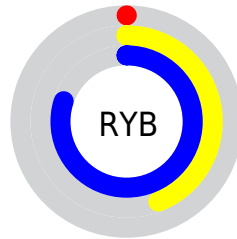
The HunterLab color **67.9443, -42.6120, 7.0626** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.9763, 61.8961, 20.9962**, and the grayscale version is **50.9278, -2.7174, 2.7670**.

A 20% lighter version of the original color is **89.4145, -46.2414, 6.0984**, and **47.8027, -30.8634, 6.8761** is the 20% darker color. If you saturate the color by 10%, you get **67.9453, -42.6138, 7.0651**, and if you desaturate by 10%, it is **68.1496, -41.6046, 5.8895**.

Distribution



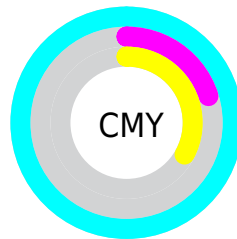
- Red (0%)
- Green (80%)
- Blue (67%)



- Red (0%)
- Yellow (44%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9443, -42.6120, 7.0626 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 67.9443, -42.6120, 7.0626 by changing the saturation by 10% instead.

67.9443, -42.6120,
7.0626

67.9443, -42.6120,
7.0626

192.7371,
-69.2700, 15.3179

56.9007, -39.1694,
6.2584

91.9062, -49.0844,
8.7420

46.5290, -35.5418,
5.4761

104.7609,
-52.1621, 9.6156

36.8776, -31.6760,
4.7157

118.1647,
-55.1575, 10.5117

28.0049, -27.4934,
3.9755

132.0958,
-58.0833, 11.4299

19.9862, -22.8713,
3.2518

146.5352,
-60.9497, 12.3700

12.9247, -19.5240,
2.5369

161.4653,

6.3595, -11.1290,

-63.7652, 13.3316

2.9913

176.8707,
-66.5367, 14.3144

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9443, -42.6120,
7.0626

■ 67.9443, -42.6120,
7.0626

■ 67.9453, -42.6138,
7.0651

■ 68.1496, -41.6046,
5.8895

■ 68.4732, -40.1161,
4.8359

■ 68.9549, -38.0026,
3.9559

■ 69.6126, -35.2096,
3.2781

■ 70.4592, -31.7106,

2.8241

■ 71.5032, -27.5025,
2.6090

■ 72.7498, -22.6022,
2.6413

■ 74.2008, -17.0427,
2.9236

■ 75.8554, -10.8692,
3.4533

Harmonies

Analogous

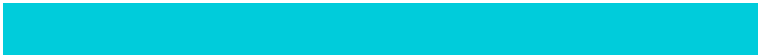
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.9456, -36.5569, 23.6775



67.9443, -42.6120, 7.0626



67.9456, -39.4251, -17.0716

Triad

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



67.9456, -42.6123, 7.0633



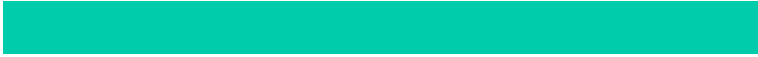
67.9456, 16.5241, -46.9111



67.9456, 23.6492, 30.1572

Complementary

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



67.9443, -42.6120, 7.0626



35.9763, 61.8961, 20.9962

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.



67.9456, 41.5655, 19.4611



67.9443, -42.6120, 7.0626



67.9456, 37.0801, -25.1339

Square

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



67.9456, -42.6123, 7.0633



67.9456, -7.2228, -53.6319



67.9456, 46.7819, 0.1522



67.9456, 0.0410, 33.8517

Rectangle

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



67.9443, -42.6120, 7.0626



67.9456, -32.2275, -33.9210



67.9456, 46.7819, 0.1522



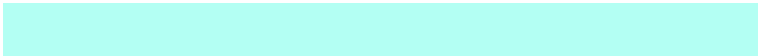
67.9456, 30.6553, 27.4814

Sweetspot

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



67.9456, -42.6123, 7.0633



93.5495, -29.3593, 3.3910



65.9756, -55.2472, 39.6859



42.9506, -14.8715, 1.5450

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.9456, -42.6123, 7.0633



87.4219, -54.9303, 9.3089



46.8741, -6.9887, -43.4995



35.6309, -4.9195, 1.6381



53.9143, -33.7436, 5.4545



12.2797, -7.4585, 0.7523

Inverse Universe

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



35.9763, 61.8961, 20.9962



46.2745, 79.5776, 27.3343



41.2005, 44.7518, 26.1697



33.5289, 1.3918, 2.2073



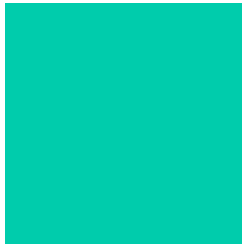
28.5563, 49.1647, 16.4273



6.5574, 11.4302, 2.6826

Previews

White Background



This preview shows how the HunterLab color 67.9443, -42.6120, 7.0626 looks on a white background.

Color Contrast Check

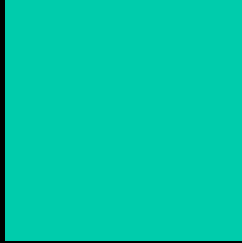
Large Text (above 18pt) WCAG AA × Fail

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 67.9443, -42.6120, 7.0626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

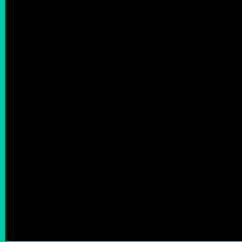
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

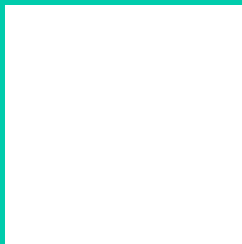
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.9443, -42.6120, 7.0626 Background



This preview shows how black text looks on a background with the HunterLab color 67.9443, -42.6120, 7.0626.



This preview shows how white text looks on a background with the HunterLab color 67.9443, -42.6120, 7.0626.

-42.6120, 7.0626.

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

67.9443, -42.6120, 7.0626

Protanopia

67.4053, -3.7782, 12.6169

Deuteranopia

67.3774, 4.7468, 4.0719



Tritanopia

67.9285, -29.3295, -14.1843

Trichromacy



Original Color

67.9443, -42.6120, 7.0626



Protanomaly

65.2992, -25.6244, 7.8986



Deuteranomaly

64.9557, -21.2211, 2.1623



Tritanomaly

67.6945, -34.8086, -6.2209

Monochromacy



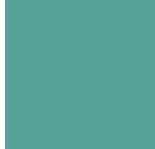
Original Color

67.9443, -42.6120, 7.0626



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

55.2299, -23.2627, 2.1947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.9443, -42.6120, 7.0626 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, 204, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 172)  
}
```

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, 204, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9443, -42.6120, 7.0626 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, 204, 172) }
```


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

```
.border{ border-color:rgb(0, 204, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.9443, -42.6120, 7.0626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 172) }
```

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

```
.background{ background-color: rgb(0, 204,  
172) }
```

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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