

Converting Colors

HunterLab(70.3202, -22.0414,
-9.3775)

Have a look what the booklet for
HunterLab(70.3202, -22.0414,
-9.3775) contains.

HunterLab(70.3720, -21.9064, -9.4990)	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(70.3720,
-21.9064, -9.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	77C7D4
RGB	119, 199, 212
RGB Percent	47%, 78%, 83%
CMY	0.5333, 0.2196, 0.1686
CMYK	0.44, 0.06, 0.00, 0.17
HSL	188°, 52%, 65%
HSV	188°, 44%, 83%
XYZ	39.9148, 49.5222, 69.7422
YIQ	176.5620, -51.8530, -12.9170

Conversions

Conversions Part 2

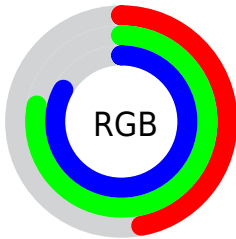
Format	Color
RYB	119, 162, 212
Decimal	7849940
CIELab	75.78, -21.15, -14.17
CIELCh	76, 25.461, 213.812
Yxy	49.5241, 0.2508, 0.3111
Android (android.graphics.Color)	4286040020 (0xFF77C7D4)
YUV	176.5620, 17.4709, -50.4819
Hunter-Lab	70.3720, -21.9064, -9.4990

Details

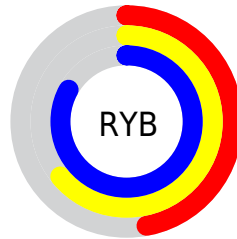
The HunterLab color $70.3720, -21.9064, -9.4990$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $56.4200, 23.8078, 16.8407$, and the grayscale version is $66.0706, -3.5254, 3.5897$.

A 20% lighter version of the original color is $93.7924, -27.6540, -2.4951$, and $48.6921, -18.5001, -9.1610$ is the 20% darker color. If you saturate the color by 10%, you get $68.4378, -24.1788, -12.2146$, and if you desaturate by 10%, it is $72.5065, -18.9441, -6.5876$.

Distribution



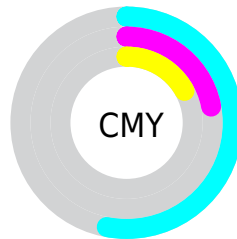
- Red (47%)
- Green (78%)
- Blue (83%)



- Red (47%)
- Yellow (64%)
- Blue (83%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3720, -21.9064, -9.4990 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 70.3720, -21.9064, -9.4990 by changing the saturation by 10% instead.

■ 70.3720, -21.9064,
-9.4990

■ 70.3720, -21.9064,
-9.4990

196.1637,
-36.7128, -7.2847

■ 59.1907, -20.1786,
-9.4936

■ 94.5882, -25.2760,
-9.3331

■ 48.6725, -18.4069,
-9.4253

■ 107.5615,
-26.9315, -9.1720

■ 38.8638, -16.5752,
-9.2874

■ 121.0789,
-28.5746, -8.9629

■ 29.8201, -14.6589,
-9.0744

135.1195,
-30.2091, -8.7086

■ 21.6126, -12.6186,
-8.7826

149.6644,
-31.8379, -8.4116

■ 14.3373, -10.3853,
-8.4172

164.6968,

■ 7.9966, -11.9544,

-33.4636, -8.0740

-8.3579

180.2012,
-35.0880, -7.6978

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.3720, -21.9064,
-9.4990

■ 70.3720, -21.9064,
-9.4990

■ 68.4378, -24.1788,
-12.2146

■ 72.5065, -18.9441,
-6.5876

■ 66.7000, -25.7369,
-14.7185

■ 74.8342, -15.3270,
-3.5058

■ 65.1564, -26.5776,
-16.9961

■ 77.3509, -11.1012,
-0.2753

■ 63.7980, -26.7232,
-19.0426


■ 80.0500, -6.3174,
3.0814


■ 62.6085, -26.2304,

■ 82.9235, -1.0281,

-20.8667

6.5434

 61.9366, -25.7115,
-21.9115

 85.9631, 4.7149,
10.0916

 87.7872, 6.2935,
12.1359

 88.6751, 4.7153,
13.0767

 89.5697, 3.1417,
14.0163

Harmonies

Analogous

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



70.3734, -25.3154, 2.3571



70.3720, -21.9064, -9.4990



70.3734, -13.6463, -18.8262

Triad

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



70.3734, -21.9069, -9.4979



70.3734, 18.1458, -6.5510



70.3734, -5.2847, 22.3870

Complementary

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



70.3720, -21.9064, -9.4990



56.4200, 23.8078, 16.8407

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.



70.3734, 6.7069, 20.8048



70.3720, -21.9064, -9.4990



70.3734, 20.7523, 5.2729

Square

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



70.3734, -21.9069, -9.4979



70.3734, 9.5346, -16.9348



70.3734, 16.4381, 14.9738



70.3734, -16.1331, 19.7241

Rectangle

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



70.3720, -21.9064, -9.4990



70.3734, -6.2265, -21.6450



70.3734, 16.4381, 14.9738



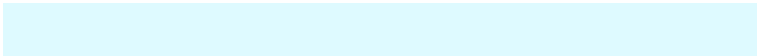
70.3734, -1.2564, 22.3311

Sweetspot

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



70.3734, -21.9069, -9.4979



95.5643, -13.2742, -0.0427



72.5668, -40.2194, 26.3497



43.8815, -6.7125, -0.4385

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3734, -21.9069, -9.4979



84.4139, -29.7258, -14.9549



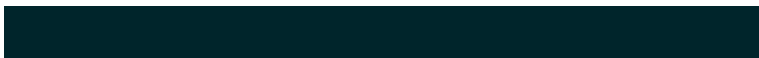
56.1176, 0.0819, -31.2284



37.1458, -4.2778, 0.5679



48.7781, -20.3496, -17.0395



12.3220, -5.4381, -3.6623

Inverse Universe

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



55.9602, 42.6048, -22.0217



63.8118, 64.8239, -33.3565



68.6521, 0.4568, 27.2373



35.4985, 2.6174, -0.6743



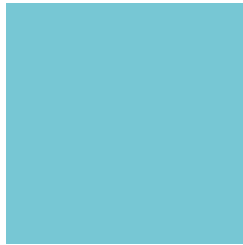
32.7823, 62.5636, -28.6071



8.1031, 15.5478, -7.7175

Previews

White Background



This preview shows how the HunterLab color 70.3720, -21.9064, -9.4990 looks on a white background.

Color Contrast Check

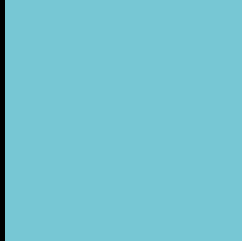
Large Text (above 18pt) WCAG AA × Fail

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 70.3720, -21.9064, -9.4990 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

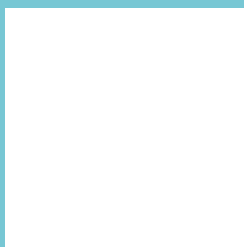
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.3720, -21.9064, -9.4990 Background



This preview shows how black text looks on a background with the HunterLab color 70.3720, -21.9064, -9.4990.



This preview shows how white text looks on a background with the HunterLab color 70.3720,

-21.9064, -9.4990.

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

70.3720, -21.9064, -9.4990

Protanopia

70.1428, -0.8646, -4.5515

Deuteranopia

69.9663, 5.5128, -11.8431



Tritanopia

70.5310, -21.0965, -10.9521

Trichromacy



Original Color

70.3720, -21.9064, -9.4990

Protanomaly

69.8260, -9.5850, -6.7230

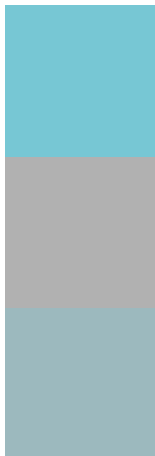
Deuteranomaly

69.8321, -5.7520, -11.6550

Tritanomaly

70.4947, -21.3046, -10.4411

Monochromacy



Original Color

70.3720, -21.9064, -9.4990

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

67.4415, -11.2174, -1.4664

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3720, -21.9064, -9.4990 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(119, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(119, 199, 212)  
}
```

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(119, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 199, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3720, -21.9064, -9.4990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

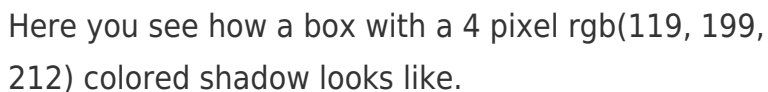
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 199, 212) }
```


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

```
.border{ border-color:rgb(119, 199, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(119, 199,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.3720, -21.9064, -9.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 199, 212) }
```

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

```
.background{ background-color: rgb(119,  
199, 212) }
```

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