

Converting Colors

HunterLab(70.6309, -22.8747,
-3.9498)

Have a look what the booklet for
HunterLab(70.6309, -22.8747,
-3.9498) contains.

HunterLab(70.7166, -22.9919, -3.6755)	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(70.7166,
-22.9919, -3.6755)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC8CA
RGB	126, 200, 202
RGB Percent	49%, 78%, 79%
CMY	0.5059, 0.2157, 0.2078
CMYK	0.38, 0.01, 0.00, 0.21
HSL	182°, 42%, 64%
HSV	182°, 38%, 79%
XYZ	39.9191, 50.0084, 63.4256
YIQ	178.1020, -44.7460, -15.0660

Conversions

Conversions Part 2

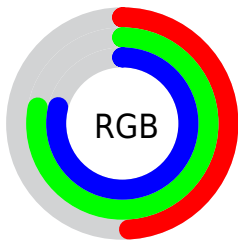
Format	Color
R_{YB}	126, 163, 202
Decimal	8308938
CIE _{Lab}	76.08, -22.43, -8.28
CIE _{LCh}	76, 23.911, 200.264
Yxy	50.0103, 0.2603, 0.3261
Android (android.graphics.Color)	4286499018 (0xFF7EC8CA)
YUV	178.1020, 11.7817, -45.6935
Hunter-Lab	70.7166, -22.9919, -3.6755

Details

The HunterLab color $70.7166, -22.9919, -3.6755$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $54.3156, 22.7400, 12.3194$, and the grayscale version is $66.7331, -3.5607, 3.6257$.

A 20% lighter version of the original color is $94.1728, -26.2421, -1.9945$, and $49.0260, -19.4479, -4.0134$ is the 20% darker color. If you saturate the color by 10%, you get $69.5565, -26.4807, -5.2335$, and if you desaturate by 10%, it is $72.0767, -18.8279, -1.8812$.

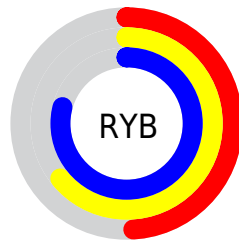
Distribution



Red (49%)

Green (78%)

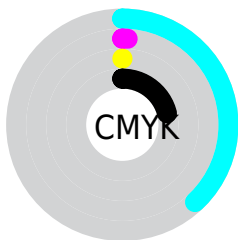
Blue (79%)



Red (49%)

Yellow (64%)

Blue (79%)

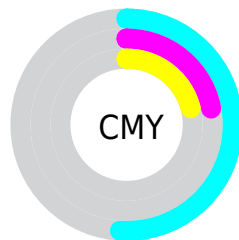


Cyan (38%)

Magenta (1%)

Yellow (0%)

Black (21%)



Cyan (51%)

Magenta (22%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.7166, -22.9919, -3.6755 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 70.7166, -22.9919, -3.6755 by changing the saturation by 10% instead.

■ 70.7166, -22.9919,
-3.6755

■ 70.7166, -22.9919,
-3.6755

196.6485,
-38.3010, 0.3898

■ 59.5161, -21.1939,
-3.9083

■ 94.9685, -26.4909,
-3.0557

■ 48.9774, -19.3467,
-4.0859

■ 107.9584,
-28.2063, -2.6781

■ 39.1466, -17.4335,
-4.2011

■ 121.4918,
-29.9066, -2.2588

■ 30.0791, -15.4279,
-4.2466

135.5478,
-31.5960, -1.8002

■ 21.8453, -13.2881,
-4.2130

150.1075,
-33.2777, -1.3043

■ 14.5404, -10.9411,
-4.0884

165.1542,

■ 8.2013, -12.3563,

-34.9544, -0.7730

-4.0521

180.6725,
-36.6282, -0.2078

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.7166, -22.9919,
-3.6755

■ 70.7166, -22.9919,
-3.6755

■ 69.5565, -26.4807,
-5.2335

■ 72.0767, -18.8279,
-1.8812

■ 68.5885, -29.2762,
-6.5511

■ 73.6334, -14.0174,
0.1340

■ 67.8071, -31.3814,
-7.6261

■ 75.3864, -8.6030,
2.3553

■ 67.2011, -32.8199,
-8.4653


■ 77.3320, -2.6341,
4.7643


■ 66.7547, -33.6411,


■ 79.4648, 3.8357,


-9.0844


7.3416


 66.4417, -33.9411,
-9.5164

 81.7784, 10.7513,
10.0678

 66.3752, -33.9811,
-9.6079

 82.8114, 13.3526,
11.2552

 82.9637, 13.0672,
11.4175

 83.1162, 12.7819,
11.5797

Harmonies

Analogous

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



70.7180, -23.9065, 7.2500



70.7166, -22.9919, -3.6755



70.7180, -17.1128, -13.9226

Triad

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



70.7180, -22.9926, -3.6744



70.7180, 13.6836, -10.6484



70.7180, -0.0722, 21.3123

Complementary

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



70.7166, -22.9919, -3.6755



54.3156, 22.7400, 12.3194

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.



70.7180, 10.6264, 17.9465



70.7166, -22.9919, -3.6755



70.7180, 18.8906, 0.2710

Square

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



70.7180, -22.9926, -3.6744



70.7180, 3.8913, -18.3662



70.7180, 17.7380, 10.6278



70.7180, -11.1321, 20.5960

Rectangle

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



70.7166, -22.9919, -3.6755



70.7180, -10.9523, -18.4508



70.7180, 17.7380, 10.6278



70.7180, 3.6961, 20.6438

Sweetspot

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



70.7180, -22.9926, -3.6744



97.2590, -13.7656, 2.0158



69.4384, -35.2112, 24.9481



44.8502, -6.8205, 0.7475

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7180, -22.9926, -3.6744



90.7897, -33.6177, -6.4277



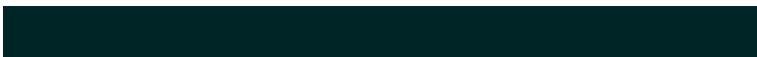
58.9922, -5.4545, -19.9047



35.6012, -4.5572, 0.9229



53.2647, -27.2831, -7.6798



12.1654, -6.2777, -1.6540

Inverse Universe

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



56.2580, 35.5853, -22.3020



68.6415, 57.2884, -36.2374



64.0863, 3.7936, 21.2936



33.7616, 2.6402, -1.1031



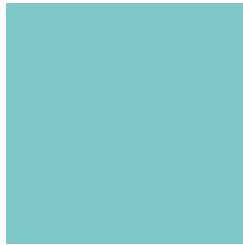
32.6605, 63.8531, -40.2973



7.4293, 14.5416, -9.2967

Previews

White Background



This preview shows how the HunterLab color 70.7166, -22.9919, -3.6755 looks on a white background.

Color Contrast Check

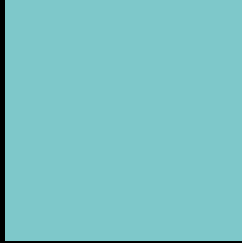
Large Text (above 18pt) WCAG AA × Fail

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 70.7166, -22.9919, -3.6755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

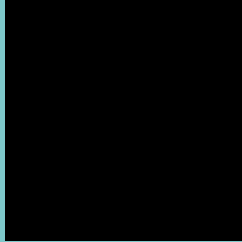
Any Text WCAG AA ✓ Pass

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 70.7166, -22.9919, -3.6755 Background



This preview shows how black text looks on a background with the HunterLab color 70.7166, -22.9919, -3.6755.



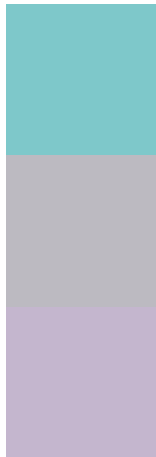
This preview shows how white text looks on a background with the HunterLab color 70.7166,

-22.9919, -3.6755.

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

70.7166, -22.9919, -3.6755

Protanopia

70.4694, -1.9305, 0.9409

Deuteranopia

70.4613, 4.9629, -5.6299



Tritanopia

70.6472, -19.0679, -10.1924

Trichromacy



Original Color

70.7166, -22.9919, -3.6755

Protanomaly

70.1758, -10.6048, -1.0670

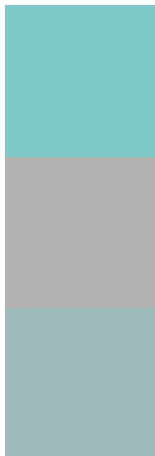
Deuteranomaly

70.3284, -6.2931, -5.4663

Tritanomaly

70.7737, -20.5520, -7.8287

Monochromacy



Original Color

70.7166, -22.9919, -3.6755

Achromatopsia

66.7234, -3.5602, 3.6252

Achromatomaly

67.8797, -11.4298, 0.5627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7166, -22.9919, -3.6755 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(126, 200, 202)` looks like.

```
.text, #text, p{  
    color:rgb(126, 200, 202)  
}
```

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(126, 200, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 200, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7166, -22.9919, -3.6755 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(126, 200, 202) }
```


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

```
.border{ border-color:rgb(126, 200, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 200, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 200, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 200, 202);  
box-shadow:4px 4px 4px 4px rgb(126, 200,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7166, -22.9919, -3.6755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 200, 202) }
```

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

```
.background{ background-color: rgb(126,  
200, 202) }
```

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