

Converting Colors

HunterLab(74.9171, -28.8698,
19.5396)

Have a look what the booklet for
HunterLab(74.9171, -28.8698,
19.5396) contains.

HunterLab(74.7422, -28.8484, 19.5312)	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(74.7422,
-28.8484, 19.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	99D39F
RGB	153, 211, 159
RGB Percent	60%, 83%, 62%
CMY	0.4000, 0.1725, 0.3765
CMYK	0.27, 0.00, 0.25, 0.17
HSL	126°, 40%, 71%
HSV	126°, 27%, 83%
XYZ	42.6891, 55.8640, 41.3337
YIQ	187.7300, -17.8760, -28.4680

Conversions

Conversions Part 2

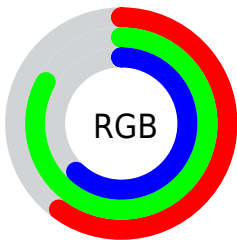
Format	Color
RYB	153, 206, 211
Decimal	10081183
CIELab	79.54, -28.89, 19.90
CIElCh	80, 35.080, 145.431
Yxy	55.8663, 0.3052, 0.3994
Android (android.graphics.Color)	4288271263 (0xFF99D39F)
YUV	187.7300, -14.1639, -30.4582
Hunter-Lab	74.7422, -28.8484, 19.5312

Details

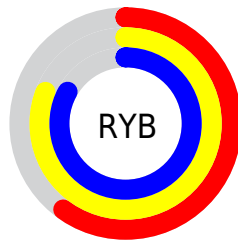
The HunterLab color $74.7422, -28.8484, 19.5312$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $64.0627, 25.1910, -13.5407$, and the grayscale version is $70.8652, -3.7812, 3.8502$.

A 20% lighter version of the original color is $94.7549, -26.5889, 18.1148$, and $52.4860, -24.5199, 16.1992$ is the 20% darker color. If you saturate the color by 10%, you get $73.0644, -36.1620, 24.2290$, and if you desaturate by 10%, it is $76.6890, -20.6169, 14.3639$.

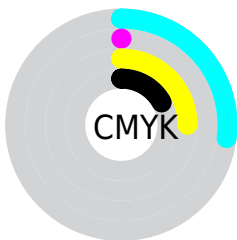
Distribution



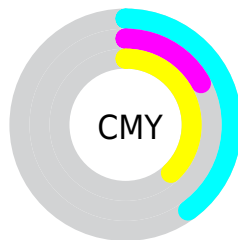
- Red (60%)
- Green (83%)
- Blue (62%)



- Red (60%)
- Yellow (81%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (17%)





- Cyan (40%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.7422, -28.8484, 19.5312 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 74.7422, -28.8484, 19.5312 by changing the saturation by 10% instead.


 74.7422, -28.8484,
19.5312


 74.7422, -28.8484,
19.5312


202.2838,
-46.6656, 33.9020

 63.3212, -26.7060,
17.8647


 99.4028, -32.9863,
22.7887

 52.5483, -24.4925,
16.1581


 112.5833,
-34.9993, 24.3920

 42.4668, -22.1875,
14.3971


126.2999,
-36.9851, 25.9852

 33.1280, -19.7593,
12.5597

140.5323,
-38.9493, 27.5717

 24.5963, -17.1591,
10.6124

155.2624,
-40.8962, 29.1546

 16.9569, -14.3050,
8.5010

170.4741,

 10.3296, -12.9201,

-42.8293, 30.7361

7.2307

186.1524,
-44.7516, 32.3180

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.7422, -28.8484,
19.5312

■ 74.7422, -28.8484,
19.5312

■ 73.0644, -36.1620,
24.2290

■ 76.6890, -20.6169,
14.3639

■ 71.6532, -42.4692,
28.3965

■ 78.8945, -11.5623,
8.7884

■ 70.5078, -47.7099,
31.9864

■ 81.3516, -1.7918,
2.8706

■ 69.6211, -51.8547,
34.9658

■ 84.0499, 8.5893,
-3.3270

■ 68.9796, -54.9137,

■ 86.5911, 18.2416,

37.3211

-10.2905

■ 68.5630, -56.9432,
39.0609

■ 86.6433, 18.5140,
-11.0267

■ 68.3389, -58.0687,
40.2159

■ 68.2993, -58.2673,
40.4142

Harmonies

Analogous

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



74.7438, -17.4058, 26.8983



74.7422, -28.8484, 19.5312



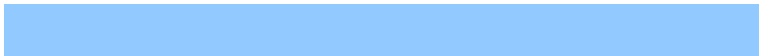
74.7438, -33.6312, 6.4829

Triad

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



74.7438, -28.8498, 19.5320



74.7438, -6.5563, -33.6474



74.7438, 27.5847, 16.1331

Complementary

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



74.7422, -28.8484, 19.5312



64.0627, 25.1910, -13.5407

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.



74.7438, 31.1333, 1.5708



74.7422, -28.8484, 19.5312



74.7438, 10.4397, -29.4709

Square

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



74.7438, -28.8498, 19.5320



74.7438, -21.5058, -26.0289



74.7438, 24.6093, -15.6224



74.7438, 15.2990, 25.2624

Rectangle

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



74.7422, -28.8484, 19.5312



74.7438, -32.7365, -4.6078



74.7438, 24.6093, -15.6224



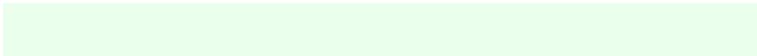
74.7438, 29.8827, 11.8152

Sweetspot

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



74.7438, -28.8498, 19.5320



97.5765, -15.0224, 11.3144



78.6758, -14.5356, 25.5136



44.9430, -7.7636, 5.7323

0.0000, NaN, NaN



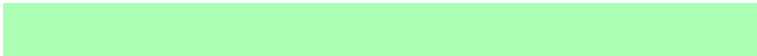
46.2646, -2.4686, 2.5136

Same Dimension

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



74.7438, -28.8498, 19.5320



91.3446, -41.2076, 27.6912



75.4887, -24.5439, 8.8058



36.3674, -6.1905, 4.5819



53.0641, -45.2214, 31.2946



12.5751, -10.5205, 6.9931

Inverse Universe

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



64.0627, 25.1910, -13.5407



75.4991, 39.1782, -21.4482



63.0674, 20.1463, 0.5016



34.6224, 2.5976, -0.8065



32.5401, 62.5811, -32.1139



7.7347, 14.9388, -8.1249

Previews

White Background



This preview shows how the HunterLab color 74.7422, -28.8484, 19.5312 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 74.7422, -28.8484, 19.5312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

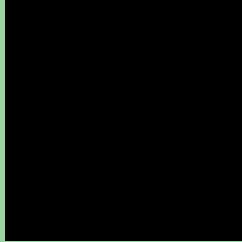
Any Text WCAG AA ✓ Pass

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 74.7422, -28.8484, 19.5312 Background



This preview shows how black text looks on a background with the HunterLab color 74.7422, -28.8484, 19.5312.



This preview shows how white text looks on a background with the HunterLab color 74.7422,

-28.8484, 19.5312.

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

74.7422, -28.8484, 19.5312

Protanopia

74.3654, -6.0389, 22.0341

Deuteranopia

74.4355, 5.4123, 17.9859



Tritanopia

74.6451, -12.3736, -7.4524

Trichromacy



Original Color

74.7422, -28.8484, 19.5312

Protanomaly

74.1341, -14.6677, 20.6233

Deuteranomaly

74.0409, -8.2892, 18.1061

Tritanomaly

74.5972, -18.9268, 3.6510

Monochromacy



Original Color

74.7422, -28.8484, 19.5312

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

71.9501, -13.3922, 9.8248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.7422, -28.8484, 19.5312 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(153, 211, 159)` looks like.

```
.text, #text, p{  
    color:rgb(153, 211, 159)  
}
```

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(153, 211, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 211, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 74.7422, -28.8484, 19.5312 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(153, 211, 159) }
```


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

```
.border{ border-color:rgb(153, 211, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 211, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 211, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 211, 159);  
box-shadow:4px 4px 4px 4px rgb(153, 211,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.7422, -28.8484, 19.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 211, 159) }
```

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

```
.background{ background-color: rgb(153,  
211, 159) }
```

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