

Converting Colors

HunterLab(76.7329, -28.4440,
11.9583)

Have a look what the booklet for
HunterLab(76.7329, -28.4440,
11.9583) contains.

HunterLab(76.7595, -28.5271, 12.1955)	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(76.7595,
-28.5271, 12.1955)**

Conversions

Conversions Part 1

Format	Color
Hex	95D8B7
RGB	149, 216, 183
RGB Percent	58%, 85%, 72%
CMY	0.4157, 0.1529, 0.2823
CMYK	0.31, 0.00, 0.15, 0.15
HSL	150°, 46%, 72%
HSV	150°, 31%, 85%
XYZ	45.4975, 58.9202, 53.7746
YIQ	192.2050, -29.3390, -24.4670

Conversions

Conversions Part 2

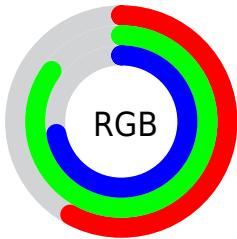
Format	Color
RYB	149, 193, 216
Decimal	9820343
CIELab	81.25, -28.04, 9.58
CIELCh	81, 29.635, 161.139
Yxy	58.9226, 0.2876, 0.3725
Android (android.graphics.Color)	4288010423 (0xFF95D8B7)
YUV	192.2050, -4.5381, -37.8908
Hunter-Lab	76.7595, -28.5271, 12.1955

Details

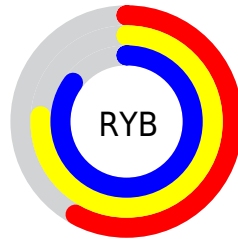
The HunterLab color **76.7595, -28.5271, 12.1955** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62.8272, 25.0394, -2.6143**, and the grayscale version is **72.7183, -3.8801, 3.9509**.

A 20% lighter version of the original color is **95.2529, -23.3032, 7.4565**, and **54.3951, -24.3165, 10.0727** is the 20% darker color. If you saturate the color by 10%, you get **75.2658, -34.8341, 14.8793**, and if you desaturate by 10%, it is **78.4896, -21.4589, 9.5945**.

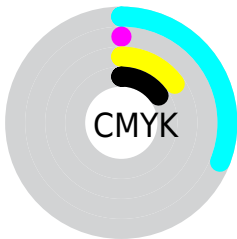
Distribution



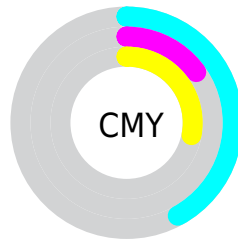
- Red (58%)
- Green (85%)
- Blue (72%)



- Red (58%)
- Yellow (76%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (42%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7595, -28.5271, 12.1955 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 76.7595, -28.5271, 12.1955 by changing the saturation by 10% instead.

■ 76.7595, -28.5271,
12.1955

■ 76.7595, -28.5271,
12.1955

205.0890,
-45.9778, 22.6039

■ 65.2310, -26.4415,
11.0948

■ 101.6195,
-32.5647, 14.4233

■ 54.3441, -24.2914,
9.9972

■ 114.8933,
-34.5330, 15.5523

■ 44.1410, -22.0583,
8.8987

128.6996,
-36.4770, 16.6935

■ 34.6709, -19.7137,
7.7924

143.0184,
-38.4016, 17.8476

■ 25.9958, -17.2140,
6.6668

157.8320,
-40.3110, 19.0153

■ 18.1964, -14.4876,
5.5023

173.1245,

■ 11.3852, -12.0995,

-42.2084, 20.1971

4.3963

188.8813,
-44.0966, 21.3932

■ 3.7186, -6.5075,
2.6030

0.0000, NaN, NaN

■ 76.7595, -28.5271,
12.1955

■ 76.7595, -28.5271,
12.1955

■ 75.2658, -34.8341,
14.8793

■ 78.4896, -21.4589,
9.5945

■ 74.0032, -40.3217,
17.6115

■ 80.4487, -13.6936,
7.1003

■ 72.9692, -44.9552,
20.3579

■ 82.6333, -5.3080,
4.7354

■ 72.1555, -48.7230,
23.0804

■ 85.0363, 3.6200,
2.5161

■ 71.5485, -51.6438,
25.7398

■ 87.4309, 12.2975,
0.1723

■ 71.1283, -53.7727,
28.2961

■ 87.7948, 14.2168,
-4.9897

■ 70.8740, -55.1464,
30.4590

■ 88.0874, 15.7542,
-9.1238

Harmonies

Analogous

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



76.7611, -21.4394, 21.4496



76.7595, -28.5271, 12.1955



76.7611, -29.3644, -1.0730

Triad

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



76.7611, -28.5283, 12.1964



76.7611, 1.3093, -26.3311



76.7611, 17.8294, 19.5324

Complementary

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



76.7595, -28.5271, 12.1955



62.8272, 25.0394, -2.6143

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.



76.7611, 24.9243, 9.0830



76.7595, -28.5271, 12.1955



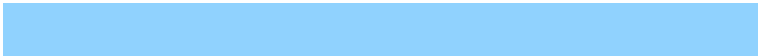
76.7611, 14.9300, -18.3610

Square

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



76.7611, -28.5283, 12.1964



76.7611, -12.8267, -25.0766



76.7611, 23.8258, -4.8105



76.7611, 5.0351, 25.1159

Rectangle

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



76.7595, -28.5271, 12.1955



76.7611, -26.3397, -10.6886



76.7611, 23.8258, -4.8105



76.7611, 21.0010, 16.5616

Sweetspot

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



76.7611, -28.5283, 12.1964



97.5691, -14.6227, 8.0033



78.2882, -24.3878, 26.2795



44.9678, -7.4344, 3.9009

0.0000, NaN, NaN



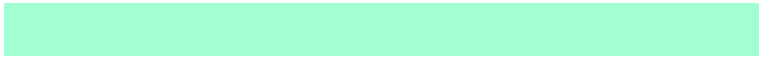
46.2646, -2.4686, 2.5136

Same Dimension

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



76.7611, -28.5283, 12.1964



91.4554, -39.3538, 16.7578



77.7572, -22.7937, -2.0242



37.4167, -5.7384, 3.1088



54.5457, -42.3016, 23.1396



13.4582, -10.0040, 4.7742

Inverse Universe

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



62.8272, 25.0394, -2.6143



71.5112, 37.6050, -4.2850



61.8587, 20.1361, 11.2158



35.3861, 2.0149, 0.9237



30.4690, 54.2877, 3.3426



7.5937, 13.7348, -0.7543

Previews

White Background



This preview shows how the HunterLab color 76.7595, -28.5271, 12.1955 looks on a white background.

Color Contrast Check

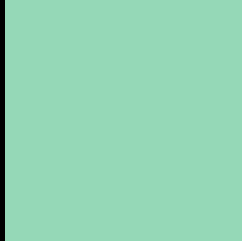
Large Text (above 18pt) WCAG AA × Fail

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 76.7595, -28.5271, 12.1955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

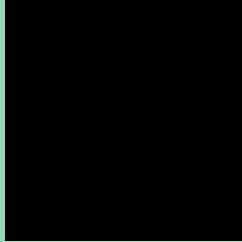
Any Text WCAG AA ✓ Pass

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 76.7595, -28.5271, 12.1955 Background



This preview shows how black text looks on a background with the HunterLab color 76.7595, -28.5271, 12.1955.



This preview shows how white text looks on a background with the HunterLab color 76.7595,

-28.5271, 12.1955.

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

76.7595, -28.5271, 12.1955

Protanopia

76.3234, -4.3366, 15.4481

Deuteranopia

76.3033, 5.4738, 10.1448



Tritanopia

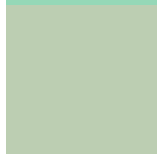
76.7518, -15.6774, -9.1196

Trichromacy



Original Color

76.7595, -28.5271, 12.1955



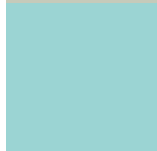
Protanomaly

76.1895, -14.2068, 13.9218



Deuteranomaly

75.9319, -8.2668, 10.3711



Tritanomaly

76.6542, -20.4632, -0.7919

Monochromacy



Original Color

76.7595, -28.5271, 12.1955



Achromatopsia

72.6027, -3.8739, 3.9446



Achromatomaly

73.9442, -13.5882, 6.7233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7595, -28.5271, 12.1955 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(149, 216, 183)` looks like.

```
.text, #text, p{  
    color:rgb(149, 216, 183)  
}
```

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(149, 216, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 216, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7595, -28.5271, 12.1955 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(149, 216, 183) }
```


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

```
.border{ border-color:rgb(149, 216, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 216, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 216, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 216, 183);  
box-shadow:4px 4px 4px 4px rgb(149, 216,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7595, -28.5271, 12.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 216, 183) }
```

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

```
.background{ background-color: rgb(149,  
216, 183) }
```

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