

Converting Colors

HunterLab(76.4636, -26.6204,
12.3049)

Have a look what the booklet for
HunterLab(76.4636, -26.6204,
12.3049) contains.

HunterLab(76.3810, -26.5950, 12.2468)	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(76.3810,
-26.5950, 12.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD6B6
RGB	154, 214, 182
RGB Percent	60%, 84%, 71%
CMY	0.3961, 0.1608, 0.2863
CMYK	0.28, 0.00, 0.15, 0.16
HSL	148°, 42%, 72%
HSV	148°, 28%, 84%
XYZ	45.8165, 58.3406, 53.1020
YIQ	192.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

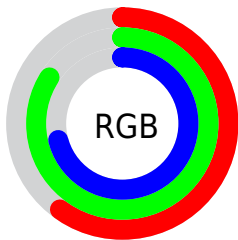
Format	Color
RYB	154, 195, 214
Decimal	10147510
CIELab	80.93, -25.75, 9.69
CIElCh	81, 27.515, 159.379
Yxy	58.3430, 0.2913, 0.3710
Android (android.graphics.Color)	4288337590 (0xFF9AD6B6)
YUV	192.4120, -5.1331, -33.6873
Hunter-Lab	76.3810, -26.5950, 12.2468

Details

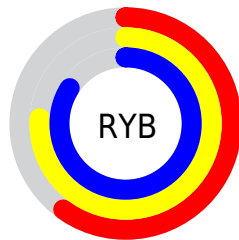
The HunterLab color **76.3810, -26.5950, 12.2468** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **63.9953, 22.3174, -3.2168**, and the grayscale version is **72.8071, -3.8848, 3.9557**.

A 20% lighter version of the original color is **95.6006, -22.0914, 8.3558**, and **53.9888, -22.6445, 10.0631** is the 20% darker color. If you saturate the color by 10%, you get **74.8158, -33.1811, 15.1506**, and if you desaturate by 10%, it is **78.1823, -19.2623, 9.3931**.

Distribution



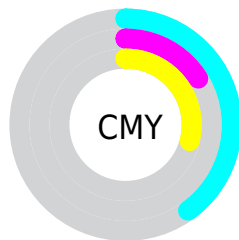
- Red (60%)
- Green (84%)
- Blue (71%)



- Red (60%)
- Yellow (76%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.3810, -26.5950, 12.2468 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 76.3810, -26.5950, 12.2468 by changing the saturation by 10% instead.


 76.3810, -26.5950,
12.2468


 76.3810, -26.5950,
12.2468


204.5636,
-43.1517, 22.6925

 64.8725, -24.6345,
11.1406


 101.2038,
-30.4032, 14.4845

 54.0069, -22.6179,
10.0368


 114.4603,
-32.2650, 15.6180

 43.8264, -20.5287,
8.9316


128.2498,
-34.1071, 16.7635

 34.3807, -18.3412,
7.8176

142.5525,
-35.9339, 17.9216

 25.7322, -16.0157,
6.6830

157.3506,
-37.7491, 19.0932

 17.9625, -13.4867,
5.5074

172.6280,

 11.1853, -11.2546,

-39.5556, 20.2787

4.4377

188.3701,
-41.3558, 21.4783

■ 3.2071, -5.6125,
2.2450

0.0000, NaN, NaN

■ 76.3810, -26.5950,
12.2468

■ 76.3810, -26.5950,
12.2468

■ 74.8158, -33.1811,
15.1506

■ 78.1823, -19.2623,
9.3931

■ 73.4827, -38.9555,
18.0684

■ 80.2113, -11.2518,
6.6156

■ 72.3806, -43.8755,
20.9643

■ 82.4637, -2.6431,
3.9393

■ 71.5025, -47.9201,
23.7995

■ 84.9316, 6.4841,
1.3826

■ 70.8368, -51.0966,
26.5346

■ 86.9434, 13.8970,
-1.9086

■ 70.3659, -53.4476,
29.1308

■ 87.3430, 15.9961,
-7.5652

■ 70.0598, -55.0781,
31.5456

■ 87.5073, 16.8568,
-9.8841

■ 70.0091, -55.3544,
31.9889

Harmonies

Analogous

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



76.3826, -19.6546, 20.6898



76.3810, -26.5950, 12.2468



76.3826, -27.7352, 0.0810

Triad

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



76.3826, -26.5962, 12.2477



76.3826, 0.1378, -23.9878



76.3826, 16.7357, 18.0524

Complementary

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



76.3810, -26.5950, 12.2468



63.9953, 22.3174, -3.2168

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.



76.3826, 22.8587, 8.0214



76.3810, -26.5950, 12.2468



76.3826, 12.8527, -17.1663

Square

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



76.3826, -26.5962, 12.2477



76.3826, -12.8893, -22.3311



76.3826, 21.3910, -4.9271



76.3826, 5.1483, 23.6210

Rectangle

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



76.3810, -26.5950, 12.2468



76.3826, -25.1347, -8.7822



76.3826, 21.3910, -4.9271



76.3826, 19.5361, 15.1673

Sweetspot

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



76.3826, -26.5962, 12.2477



97.8024, -13.7635, 8.0814



78.0984, -21.5367, 24.5370



45.0658, -7.0770, 3.9736

0.0000, NaN, NaN



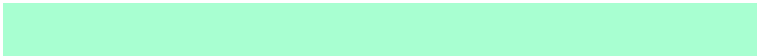
46.2646, -2.4686, 2.5136

Same Dimension

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



76.3826, -26.5962, 12.2477



91.9072, -37.6043, 17.1618



77.2456, -21.6432, -0.0853



37.4052, -5.8027, 3.2737



54.4466, -42.9168, 24.5915



13.4337, -10.1554, 5.1316

Inverse Universe

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



63.9953, 22.3174, -3.2168



73.6607, 34.6770, -5.5030



63.1213, 17.8522, 9.2446



35.3983, 2.0805, 0.7496



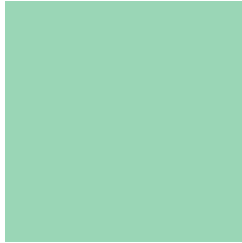
30.6571, 54.9719, 0.6573



7.6390, 13.8981, -1.3906

Previews

White Background



This preview shows how the HunterLab color 76.3810, -26.5950, 12.2468 looks on a white background.

Color Contrast Check

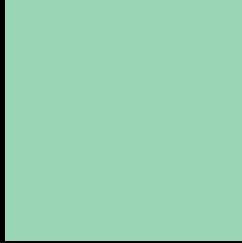
Large Text (above 18pt) WCAG AA × Fail

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 76.3810, -26.5950, 12.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

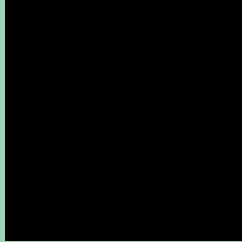
Any Text WCAG AA ✓ Pass

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 76.3810, -26.5950, 12.2468 Background



This preview shows how black text looks on a background with the HunterLab color 76.3810, -26.5950, 12.2468.



This preview shows how white text looks on a background with the HunterLab color 76.3810,

-26.5950, 12.2468.

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

76.3810, -26.5950, 12.2468

Protanopia

76.2269, -4.6729, 15.3428

Deuteranopia

75.9557, 5.6937, 10.6415



Tritanopia

76.3770, -13.8822, -8.4775

Trichromacy



Original Color

76.3810, -26.5950, 12.2468

Protanomaly

76.0422, -13.1170, 13.7867

Deuteranomaly

75.7748, -7.2921, 10.6508

Tritanomaly

76.2694, -18.6698, -0.2226

Monochromacy



Original Color

76.3810, -26.5950, 12.2468

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

73.7593, -12.6958, 6.9841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3810, -26.5950, 12.2468 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(154, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(154, 214, 182)  
}
```

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(154, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 214, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3810, -26.5950, 12.2468 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(154, 214, 182) }
```


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

```
.border{ border-color:rgb(154, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 214, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 214, 182);  
box-shadow:4px 4px 4px 4px rgb(154, 214,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3810, -26.5950, 12.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 214, 182) }
```

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

```
.background{ background-color: rgb(154,  
214, 182) }
```

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