

Converting Colors

HunterLab(64.8197, -19.8749,
-0.4809)

Have a look what the booklet for
HunterLab(64.8197, -19.8749,
-0.4809) contains.

HunterLab(64.7898, -19.8796, -0.4300)	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(64.7898,
-19.8796, -0.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB8B5
RGB	125, 184, 181
RGB Percent	49%, 72%, 71%
CMY	0.5098, 0.2784, 0.2902
CMYK	0.32, 0.00, 0.02, 0.28
HSL	177°, 29%, 61%
HSV	177°, 32%, 72%
XYZ	33.9384, 41.9772, 50.0297
YIQ	166.0170, -34.2010, -13.4410

Conversions

Conversions Part 2

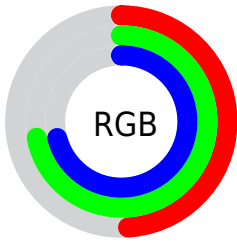
Format	Color
RYB	125, 155, 184
Decimal	8239285
CIELab	70.86, -19.65, -4.58
CIElCh	71, 20.181, 193.116
Yxy	41.9789, 0.2695, 0.3333
Android (android.graphics.Color)	4286429365 (0xFF7DB8B5)
YUV	166.0170, 7.3866, -35.9719
Hunter-Lab	64.7898, -19.8796, -0.4300

Details

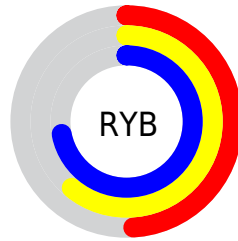
The HunterLab color $64.7898, -19.8796, -0.4300$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $51.3978, 17.7092, 8.4213$, and the grayscale version is $61.7405, -3.2943, 3.3545$.

A 20% lighter version of the original color is $88.3956, -22.8936, 0.3284$, and $43.8265, -16.5796, -0.9123$ is the 20% darker color. If you saturate the color by 10%, you get $63.7821, -23.7381, -1.2845$, and if you desaturate by 10%, it is $65.9795, -15.4302, 0.6475$.

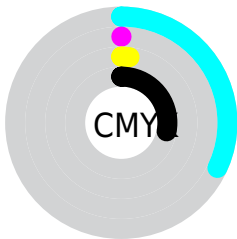
Distribution



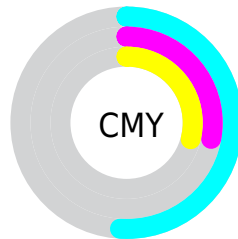
- Red (49%)
- Green (72%)
- Blue (71%)



- Red (49%)
- Yellow (61%)
- Blue (72%)



- Cyan (32%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (51%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7898, -19.8796, -0.4300 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 64.7898, -19.8796, -0.4300 by changing the saturation by 10% instead.

■ 64.7898, -19.8796,
-0.4300

■ 64.7898, -19.8796,
-0.4300

188.2539,
-34.1279, 4.6889

■ 53.9303, -18.2191,
-0.8002

■ 88.4125, -23.1173,
0.4497

■ 43.7549, -16.5139,
-1.1204

■ 101.1094,
-24.7083, 0.9508

■ 34.3148, -14.7468,
-1.3841

■ 114.3619,
-26.2881, 1.4898

■ 25.6724, -12.8899,
-1.5838

128.1476,
-27.8604, 2.0646

■ 17.9094, -10.8966,
-1.7092

142.4466,
-29.4284, 2.6733

■ 11.1400, -8.8789,
-1.7454

157.2411,

■ 3.0790, -5.3883,

-30.9944, 3.3145

-5.9976

172.5151,
-32.5604, 3.9868

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7898, -19.8796,
-0.4300

■ 64.7898, -19.8796,
-0.4300

■ 63.7821, -23.7381,
-1.2845

■ 65.9795, -15.4302,
0.6475

■ 62.9499, -26.9816,
-1.9155

■ 67.3475, -10.4211,
1.9375

■ 62.2891, -29.6040,
-2.3241

■ 68.8934, -4.8954,
3.4296

■ 61.7910, -31.6161,
-2.5181


■ 70.6134, 1.0992,
5.1099


■ 61.4435, -33.0491,


■ 72.5028, 7.5120,


-2.5124


6.9632


 61.2298, -33.9580,
-2.3290

 74.5554, 14.2924,
8.9732

 61.1257, -34.4207,
-2.0974

 76.7647, 21.3913,
11.1238

 76.9380, 21.9885,
10.9155

 76.9644, 22.1242,
10.5364

Harmonies

Analogous

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



64.7911, -19.6085, 8.2485



64.7898, -19.8796, -0.4300



64.7911, -15.9331, -9.1283

Triad

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



64.7911, -19.8804, -0.4291



64.7911, 9.1424, -10.0715



64.7911, 1.7837, 17.7112

Complementary

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



64.7898, -19.8796, -0.4300



51.3978, 17.7092, 8.4213

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.



64.7911, 10.0332, 14.0527



64.7898, -19.8796, -0.4300



64.7911, 14.4422, -1.5794

Square

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



64.7911, -19.8804, -0.4291



64.7911, 0.6228, -15.1986



64.7911, 14.7771, 7.2479



64.7911, -7.4452, 17.9290

Rectangle

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



64.7898, -19.8796, -0.4300



64.7911, -11.3046, -13.4415



64.7911, 14.7771, 7.2479



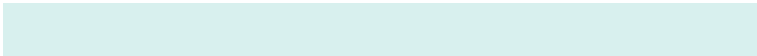
64.7911, 4.7753, 16.8692

Sweetspot

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



64.7911, -19.8804, -0.4291



91.0510, -12.6703, 2.9694



63.5809, -27.3615, 20.6058



42.1465, -6.3480, 1.2552



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



64.7911, -19.8804, -0.4291



86.3128, -30.2710, -1.3684



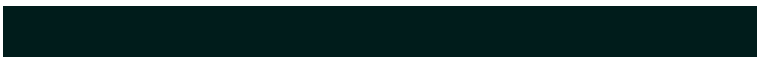
56.9420, -7.4506, -12.2624



31.9414, -4.2252, 1.0962



50.7472, -28.5555, -1.7864



9.5408, -5.2853, -0.5159

Inverse Universe

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



51.3978, 17.7092, 8.4213



64.9260, 30.1401, 12.9154



58.0228, 4.4945, 16.0054



30.0324, 1.0702, 2.3336



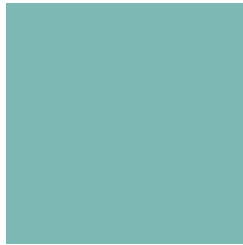
26.5339, 45.5054, 16.6388



5.0071, 8.6373, 2.7512

Previews

White Background



This preview shows how the HunterLab color 64.7898, -19.8796, -0.4300 looks on a white background.

Color Contrast Check

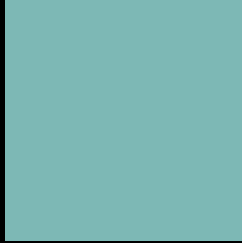
Large Text (above 18pt) WCAG AA × Fail

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 64.7898, -19.8796, -0.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

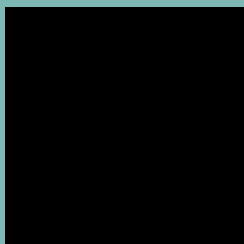
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

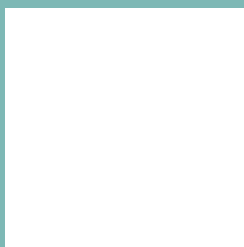
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.7898, -19.8796, -0.4300 Background



This preview shows how black text looks on a background with the HunterLab color 64.7898, -19.8796, -0.4300.



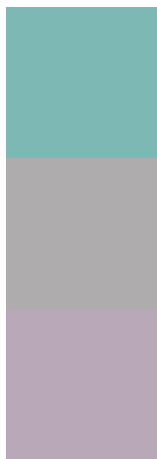
This preview shows how white text looks on a background with the HunterLab color 64.7898, -19.8796, -0.4300.

-19.8796, -0.4300.

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

64.7898, -19.8796, -0.4300

Protanopia

64.5562, -2.1737, 2.9634

Deuteranopia

64.5417, 4.3753, -1.8106



Tritanopia

64.8911, -15.2334, -7.9979

Trichromacy



Original Color

64.7898, -19.8796, -0.4300

Protanomaly

64.3375, -8.9217, 1.1565

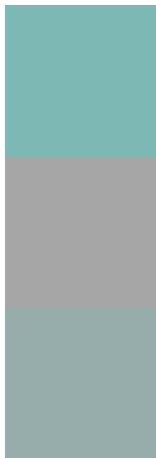
Deuteranomaly

64.4031, -5.2015, -1.6492

Tritanomaly

64.9752, -16.8964, -5.2358

Monochromacy



Original Color

64.7898, -19.8796, -0.4300

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.7748, -10.1720, 2.1142

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7898, -19.8796, -0.4300 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(125, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(125, 184, 181)  
}
```

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(125, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 184, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7898, -19.8796, -0.4300 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(125, 184, 181) }
```


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

```
.border{ border-color:rgb(125, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(125, 184,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7898, -19.8796, -0.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 184, 181) }
```

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

```
.background{ background-color: rgb(125,  
184, 181) }
```

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