

Converting Colors

HunterLab(64.6376, -12.7673,
2.8745)

Have a look what the booklet for
HunterLab(64.6376, -12.7673,
2.8745) contains.

HunterLab(64.6376, -12.7673, 2.8745)	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(64.6376,
-12.7673, 2.8745)**

Conversions

Conversions Part 1

Format	Color
Hex	96B3AE
RGB	150, 179, 174
RGB Percent	59%, 70%, 68%
CMY	0.4118, 0.2980, 0.3176
CMYK	0.16, 0.00, 0.03, 0.30
HSL	170°, 16%, 65%
HSV	170°, 16%, 70%
XYZ	36.3377, 41.7802, 46.1935
YIQ	169.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

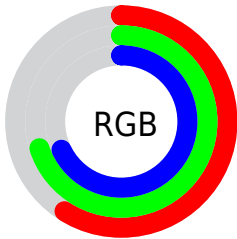
Format	Color
RYB	150, 166, 179
Decimal	9876398
CIELab	70.72, -10.90, -0.76
CIELCh	71, 10.926, 184.010
Yxy	41.7819, 0.2923, 0.3361
Android (android.graphics.Color)	4288066478 (0xFF96B3AE)
YUV	169.7590, 2.0908, -17.3286
Hunter-Lab	64.6376, -12.7673, 2.8745

Details

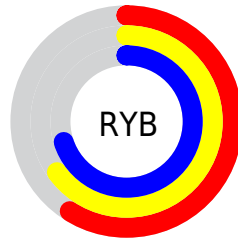
The HunterLab color $64.6376, -12.7673, 2.8745$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $58.1069, 7.1041, 4.2859$, and the grayscale version is $63.2995, -3.3775, 3.4392$.

A 20% lighter version of the original color is $88.2673, -15.4309, 4.3268$, and $43.5655, -10.1943, 1.6083$ is the 20% darker color. If you saturate the color by 10%, you get $63.3185, -17.7923, 2.6688$, and if you desaturate by 10%, it is $66.1314, -7.2419, 3.2896$.

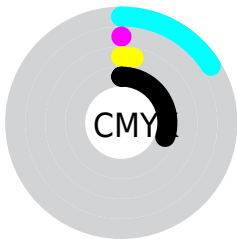
Distribution



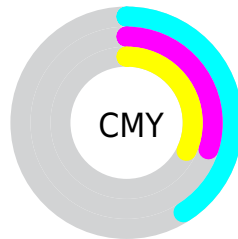
- Red (59%)
- Green (70%)
- Blue (68%)



- Red (59%)
- Yellow (65%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (41%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6376, -12.7673, 2.8745 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 64.6376, -12.7673, 2.8745 by changing the saturation by 10% instead.

■ 64.6376, -12.7673,
2.8745

■ 64.6376, -12.7673,
2.8745

188.0367,
-23.5425, 9.3198

■ 53.7872, -11.6017,
2.3226

■ 88.2437, -15.1049,
4.0907

■ 43.6215, -10.4294,
1.8096

■ 100.9329,
-16.2809, 4.7490

■ 34.1917, -9.2437,
1.3397

114.1780,
-17.4648, 5.4390

■ 25.5606, -8.0322,
0.9173

127.9566,
-18.6580, 6.1592

■ 17.8104, -6.7736,
0.5481

142.2487,
-19.8617, 6.9084

■ 11.0554, -5.4274,
0.2407

157.0366,

■ 2.8239, -4.9418,

-21.0766, 7.6855

-0.9679

172.3042,
-22.3034, 8.4896

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6376, -12.7673,
2.8745

■ 64.6376, -12.7673,
2.8745

■ 63.3185, -17.7923,
2.6688

■ 66.1314, -7.2419,
3.2896

■ 62.1718, -22.2717,
2.6725

■ 67.7927, -1.2602,
3.9048

■ 61.1980, -26.1734,
2.8851

■ 69.6183, 5.1264,
4.7119

■ 60.3942, -29.4767,
3.3008

■ 71.6023, 11.8675,
5.6998

■ 59.7545, -32.1758,

■ 73.7383, 18.9144,

3.9083

6.8562

■ 59.2699, -34.2835,
4.6911

■ 75.7172, 25.2886,
7.8092

■ 58.9273, -35.8342,
5.6271

■ 75.8088, 25.7547,
6.4987

■ 58.7070, -36.8954,
6.6860

■ 75.9022, 26.2295,
5.1641

■ 58.6377, -37.2400,
7.0984

■ 75.9974, 26.7128,
3.8055

Harmonies

Analogous

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



64.6389, -11.8714, 7.4002



64.6376, -12.7673, 2.8745



64.6389, -11.2324, -1.8103

Triad

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



64.6389, -12.7684, 2.8755



64.6389, 2.0149, -4.5333



64.6389, 0.8159, 11.2130

Complementary

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



64.6376, -12.7673, 2.8745



58.1069, 7.1041, 4.2859

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.



64.6389, 4.7138, 8.4290



64.6376, -12.7673, 2.8745



64.6389, 5.4207, -0.6200

Square

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



64.6389, -12.7684, 2.8755



64.6389, -2.7786, -6.2885



64.6389, 6.4230, 4.1549



64.6389, -4.1236, 11.9950

Rectangle

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



64.6376, -12.7673, 2.8745



64.6389, -9.0070, -4.3296



64.6389, 6.4230, 4.1549



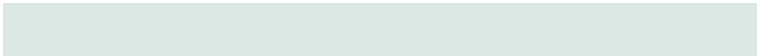
64.6389, 2.2963, 10.4913

Sweetspot

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



64.6389, -12.7684, 2.8755



88.7372, -8.8259, 4.4811



64.3769, -15.0461, 12.8306



41.6982, -4.4079, 2.0860



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



64.6389, -12.7684, 2.8755



85.9266, -19.2592, 3.7317



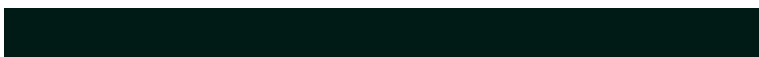
61.9846, -7.5207, -2.7328



30.9934, -4.2565, 1.4818



49.2997, -31.2521, 5.8441



8.7827, -5.3150, 0.4960

Inverse Universe

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



58.1069, 7.1041, 4.2859



75.5510, 12.3421, 5.9892



60.5363, 1.7653, 9.0722



29.2034, 1.1799, 1.8638



26.1699, 45.1085, 14.6491



4.7194, 8.2863, 1.4663

Previews

White Background



This preview shows how the HunterLab color 64.6376, -12.7673, 2.8745 looks on a white background.

Color Contrast Check

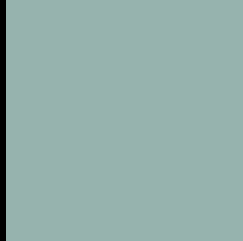
Large Text (above 18pt) WCAG AA × Fail

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 64.6376, -12.7673, 2.8745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

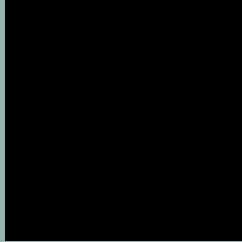
Any Text WCAG AA ✓ Pass

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 64.6376, -12.7673, 2.8745 Background



This preview shows how black text looks on a background with the HunterLab color 64.6376, -12.7673, 2.8745.



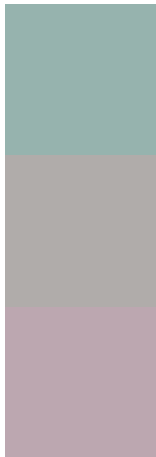
This preview shows how white text looks on a background with the HunterLab color 64.6376,

-12.7673, 2.8745.

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

64.6376, -12.7673, 2.8745

Protanopia

64.5271, -2.5126, 4.7736

Deuteranopia

64.3921, 4.8341, 1.9429



Tritanopia

64.4861, -7.4820, -5.7135

Trichromacy



Original Color

64.6376, -12.7673, 2.8745

Protanomaly

64.6651, -6.5663, 4.4058

Deuteranomaly

64.2025, -1.8213, 2.0753

Tritanomaly

64.5155, -9.3471, -2.5908

Monochromacy



Original Color

64.6376, -12.7673, 2.8745

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.7291, -6.7756, 3.3065

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6376, -12.7673, 2.8745 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(150, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(150, 179, 174)  
}
```

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(150, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 179, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6376, -12.7673, 2.8745 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(150, 179, 174) }
```


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

```
.border{ border-color:rgb(150, 179, 174) }
```

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

Here you see how a box with a 4 pixel rgb(150, 179, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(150, 179,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6376, -12.7673, 2.8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 179, 174) }
```

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

```
.background{ background-color: rgb(150,  
179, 174) }
```

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