

Converting Colors

HunterLab(66.6557, -19.2131,
5.0917)

Have a look what the booklet for
HunterLab(66.6557, -19.2131,
5.0917) contains.

HunterLab(66.7816, -19.4720, 5.2575)	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(66.7816,
-19.4720, 5.2575)**

Conversions

Conversions Part 1

Format	Color
Hex	8CBCAE
RGB	140, 188, 174
RGB Percent	55%, 74%, 68%
CMY	0.4510, 0.2627, 0.3176
CMYK	0.26, 0.00, 0.07, 0.26
HSL	162°, 26%, 64%
HSV	162°, 26%, 74%
XYZ	36.4384, 44.5978, 46.7320
YIQ	172.0520, -24.1140, -14.5300

Conversions

Conversions Part 2

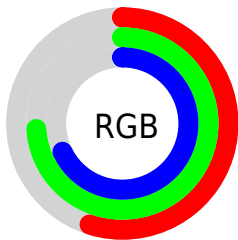
Format	Color
RYB	140, 168, 188
Decimal	9223342
CIELab	72.63, -18.78, 1.94
CIElCh	73, 18.885, 174.097
Yxy	44.5997, 0.2852, 0.3491
Android (android.graphics.Color)	4287413422 (0xFF8CBCAE)
YUV	172.0520, 0.9604, -28.1096
Hunter-Lab	66.7816, -19.4720, 5.2575

Details

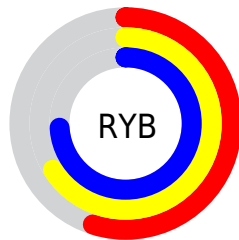
The HunterLab color $66.7816, -19.4720, 5.2575$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $56.3753, 15.1753, 2.8495$, and the grayscale version is $64.2555, -3.4285, 3.4911$.

A 20% lighter version of the original color is $90.4587, -22.6566, 6.7569$, and $45.6156, -16.4292, 3.8885$ is the 20% darker color. If you saturate the color by 10%, you get $65.4935, -24.6364, 6.1596$, and if you desaturate by 10%, it is $68.2591, -13.7309, 4.5526$.

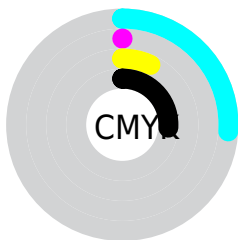
Distribution



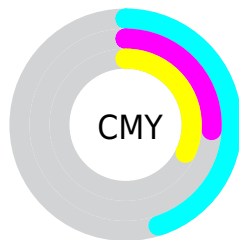
- Red (55%)
- Green (74%)
- Blue (68%)



- Red (55%)
- Yellow (66%)
- Blue (74%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)



- Cyan (45%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7816, -19.4720, 5.2575 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 66.7816, -19.4720, 5.2575 by changing the saturation by 10% instead.

■ 66.7816, -19.4720,
5.2575

■ 66.7816, -19.4720,
5.2575

191.0889,
-33.3613, 12.7208

■ 55.8052, -17.8675,
4.5641

■ 90.6197, -22.6122,
6.7340

■ 45.5051, -16.2244,
3.9001

■ 103.4168,
-24.1595, 7.5133

■ 35.9306, -14.5280,
3.2674

■ 116.7653,
-25.6982, 8.3192

■ 27.1416, -12.7541,
2.6672

130.6433,
-27.2317, 9.1508

■ 19.2158, -10.8628,
2.1000

145.0313,
-28.7629, 10.0074

■ 12.2599, -8.7816,
1.5654

159.9119,

■ 5.3933, -9.4383,

-30.2937, 10.8883

1.7864

175.2692,
-31.8261, 11.7930

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7816, -19.4720,
5.2575

■ 66.7816, -19.4720,
5.2575

■ 65.4935, -24.6364,
6.1596

■ 68.2591, -13.7309,
4.5526

■ 64.3908, -29.1794,
7.2468

■ 69.9196, -7.4601,
4.0467

■ 63.4725, -33.0729,
8.5061

■ 71.7603, -0.7161,
3.7411

■ 62.7329, -36.3042,
9.9185

■ 73.7757, 6.4442,
3.6325

■ 62.1629, -38.8808,

■ 75.9592, 13.9647,

11.4602

3.7147

■ 61.7493, -40.8340,
13.1030

■ 78.3034, 21.7921,
3.9796

■ 61.4726, -42.2269,
14.8135

■ 78.7408, 23.5115,
1.8357

■ 61.3726, -42.7502,
15.5751

■ 78.9198, 24.4281,
-0.7091

■ 79.1044, 25.3713,
-3.3276

Harmonies

Analogous

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



66.7830, -16.6403, 12.3460



66.7816, -19.4720, 5.2575



66.7830, -18.2245, -3.2259

Triad

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



66.7830, -19.4730, 5.2584



66.7830, 3.4330, -12.6649



66.7830, 6.5755, 15.3301

Complementary

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



66.7816, -19.4720, 5.2575



56.3753, 15.1753, 2.8495

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.



66.7830, 12.4750, 9.8377



66.7816, -19.4720, 5.2575



66.7830, 10.5964, -6.4344

Square

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



66.7830, -19.4730, 5.2584



66.7830, -5.2864, -14.2996



66.7830, 13.9830, 1.9701



66.7830, -1.8299, 17.6607

Rectangle

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



66.7816, -19.4720, 5.2575



66.7830, -15.2114, -8.4723



66.7830, 13.9830, 1.9701



66.7830, 8.9344, 13.8293

Sweetspot

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



66.7830, -19.4730, 5.2584



93.5218, -12.3008, 5.5987



66.9112, -20.7343, 18.8818



43.2095, -6.3034, 2.6409



97.7295, -5.2146, 5.3098



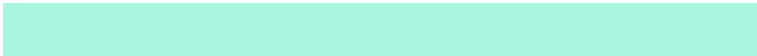
44.2712, -2.3622, 2.4053

Same Dimension

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



66.7830, -19.4730, 5.2584



88.8362, -30.4656, 7.7728



64.1936, -12.5306, -4.6082



32.8037, -4.6965, 1.9969



50.6530, -35.1928, 12.6594



10.0791, -6.6354, 1.7258

Inverse Universe

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



56.3753, 15.1753, 2.8495



71.7520, 26.6024, 3.9262



58.5417, 8.2856, 11.0894



30.9531, 1.4331, 1.5516



27.3449, 47.5538, 12.0513



5.5199, 9.8074, 0.8198

Previews

White Background



This preview shows how the HunterLab color 66.7816, -19.4720, 5.2575 looks on a white background.

Color Contrast Check

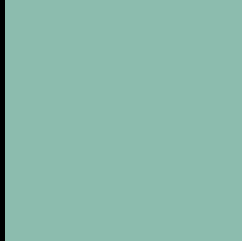
Large Text (above 18pt) WCAG AA × Fail

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 66.7816, -19.4720, 5.2575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

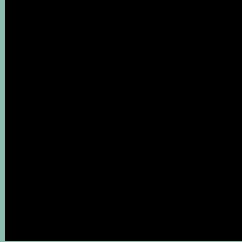
Any Text WCAG AA ✓ Pass

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 66.7816, -19.4720, 5.2575 Background



This preview shows how black text looks on a background with the HunterLab color 66.7816, -19.4720, 5.2575.



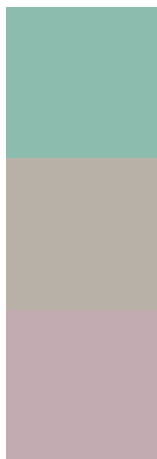
This preview shows how white text looks on a background with the HunterLab color 66.7816,

-19.4720, 5.2575.

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

66.7816, -19.4720, 5.2575

Protanopia

66.5873, -3.0851, 7.9909

Deuteranopia

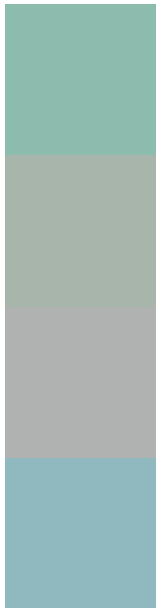
66.5443, 4.7769, 4.0274



Tritanopia

66.6515, -11.8555, -7.2022

Trichromacy



Original Color

66.7816, -19.4720, 5.2575

Protanomaly

66.4571, -9.6253, 6.8533

Deuteranomaly

66.3998, -4.8087, 4.1548

Tritanomaly

66.5246, -14.5339, -2.6796

Monochromacy



Original Color

66.7816, -19.4720, 5.2575

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

65.0627, -9.7149, 3.8938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7816, -19.4720, 5.2575 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(140, 188, 174)` looks like.

```
.text, #text, p{  
    color:rgb(140, 188, 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(140, 188, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 188, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7816, -19.4720, 5.2575 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(140, 188, 174) }
```


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

```
.border{ border-color:rgb(140, 188, 174) }
```

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

Here you see how a box with a 4 pixel rgb(140, 188, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 188, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 188, 174);  
box-shadow:4px 4px 4px 4px rgb(140, 188,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7816, -19.4720, 5.2575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 188, 174) }
```

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

```
.background{ background-color: rgb(140,  
188, 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