

Converting Colors

HunterLab(73.6949, -16.1687,
4.4757)

Have a look what the booklet for
HunterLab(73.6949, -16.1687,
4.4757) contains.

HunterLab(73.6195, -16.1566, 4.4492)	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(73.6195,
-16.1566, 4.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	A6CAC1
RGB	166, 202, 193
RGB Percent	65%, 79%, 76%
CMY	0.3490, 0.2078, 0.2431
CMYK	0.18, 0.00, 0.04, 0.21
HSL	165°, 25%, 72%
HSV	165°, 18%, 79%
XYZ	46.4721, 54.1983, 58.4641
YIQ	190.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

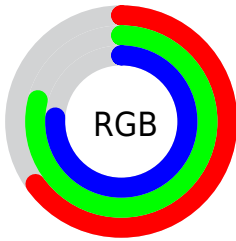
Format	Color
RYB	166, 187, 202
Decimal	10930881
CIELab	78.58, -13.76, 0.51
CIELCh	79, 13.769, 177.885
Yxy	54.2006, 0.2920, 0.3406
Android (android.graphics.Color)	4289120961 (0xFFA6CAC1)
YUV	190.2100, 1.3755, -21.2322
Hunter-Lab	73.6195, -16.1566, 4.4492

Details

The HunterLab color **73.6195, -16.1566, 4.4492** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.5176, 9.9422, 3.8412**, and the grayscale version is **71.8478, -3.8336, 3.9036**.

A 20% lighter version of the original color is **96.8151, -16.9920, 4.4743**, and **51.6243, -13.3644, 3.0815** is the 20% darker color. If you saturate the color by 10%, you get **72.0864, -22.1213, 4.9239**, and if you desaturate by 10%, it is **75.3573, -9.6031, 4.2067**.

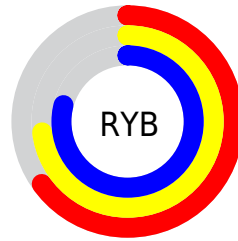
Distribution



Red (65%)

Green (79%)

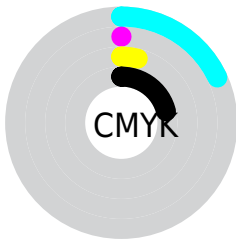
Blue (76%)



Red (65%)

Yellow (73%)

Blue (79%)

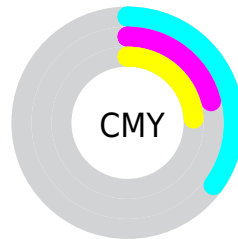


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (35%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.6195, -16.1566, 4.4492 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 73.6195, -16.1566, 4.4492 by changing the saturation by 10% instead.

■ 73.6195, -16.1566,
4.4492

■ 73.6195, -16.1566,
4.4492

200.7173,
-28.0856, 11.5452

■ 62.2592, -14.8401,
3.8076

■ 98.1675, -18.7800,
5.8313

■ 51.5506, -13.5107,
3.1990

■ 111.2956,
-20.0914, 6.5668

■ 41.5380, -12.1616,
2.6265

124.9616,
-21.4064, 7.3308

■ 32.2735, -10.7807,
2.0924

139.1454,
-22.7268, 8.1222

■ 23.8233, -9.3487,
1.5998

153.8285,
-24.0539, 8.9402

■ 16.2751, -7.8325,
1.1522

168.9946,

■ 9.7532, -6.6956,

-25.3889, 9.7838

0.7547

184.6287,
-26.7325, 10.6524

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.6195, -16.1566,
4.4492

■ 73.6195, -16.1566,
4.4492

■ 72.0864, -22.1213,
4.9239

■ 75.3573, -9.6031,
4.2067

■ 70.7553, -27.4422,
5.6246

■ 77.2912, -2.5150,
4.1915

■ 69.6268, -32.0800,
6.5440

■ 79.4174, 5.0455,
4.3993

■ 68.6971, -36.0093,
7.6683

■ 81.7289, 13.0173,
4.8215

■ 67.9592, -39.2235,

■ 82.8122, 16.8480,

8.9780

3.7073

■ 67.4016, -41.7390,
10.4481

■ 82.9744, 17.6943,
1.3970

■ 67.0082, -43.5997,
12.0477

■ 83.1412, 18.5628,
-0.9737

■ 66.7517, -44.9021,
13.7349

■ 83.3126, 19.4534,
-3.4048

■ 66.7034, -45.1541,
14.1014

■ 83.4885, 20.3661,
-5.8959

Harmonies

Analogous

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



73.6210, -14.3482, 10.1249



73.6195, -16.1566, 4.4492



73.6210, -14.7884, -1.8489

Triad

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



73.6210, -16.1579, 4.4503



73.6210, 2.0813, -7.4484



73.6210, 2.9177, 13.4929

Complementary

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



73.6195, -16.1566, 4.4492



65.5176, 9.9422, 3.8412

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.



73.6210, 7.5920, 9.4189



73.6195, -16.1566, 4.4492



73.6210, 7.0972, -2.6847

Square

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



73.6210, -16.1579, 4.4503



73.6210, -4.3986, -9.0679



73.6210, 9.1473, 3.5617



73.6210, -3.4646, 15.0522

Rectangle

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



73.6195, -16.1566, 4.4492



73.6210, -12.2290, -5.4948



73.6210, 9.1473, 3.5617



73.6210, 4.7491, 12.3907

Sweetspot

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



73.6210, -16.1579, 4.4503



98.7207, -10.0211, 5.4388



73.6071, -17.6989, 15.9865



45.5920, -4.9346, 2.5194

0.0000, NaN, NaN



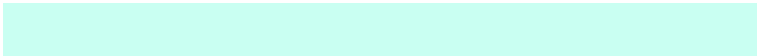
46.2646, -2.4686, 2.5136

Same Dimension

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



73.6210, -16.1579, 4.4503



95.0722, -23.8034, 5.9703



71.2594, -10.5013, -2.7678



35.6051, -5.0631, 2.0062



53.5206, -36.1359, 11.1109



12.2042, -7.9155, 1.8331

Inverse Universe

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



65.5176, 9.9422, 3.8412



82.5479, 16.5889, 5.0568



67.6300, 4.2597, 10.1196



33.5543, 1.5285, 1.8449



28.7110, 49.7371, 14.1452



6.6166, 11.6480, 1.8199

Previews

White Background



This preview shows how the HunterLab color 73.6195, -16.1566, 4.4492 looks on a white background.

Color Contrast Check

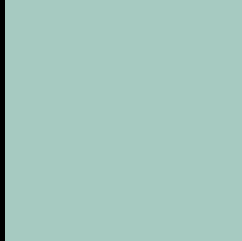
Large Text (above 18pt) WCAG AA × Fail

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 73.6195, -16.1566, 4.4492 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

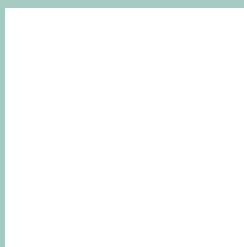
Any Text WCAG AAA ✓ Pass

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

HunterLab 73.6195, -16.1566, 4.4492 Background



This preview shows how black text looks on a background with the HunterLab color 73.6195, -16.1566, 4.4492.



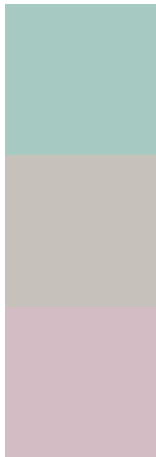
This preview shows how white text looks on a background with the HunterLab color 73.6195,

-16.1566, 4.4492.

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

73.6195, -16.1566, 4.4492

Protanopia

73.4254, -2.8091, 6.7775

Deuteranopia

73.4500, 5.3640, 3.1970



Tritanopia

73.6880, -9.6114, -6.4904

Trichromacy



Original Color

73.6195, -16.1566, 4.4492

Protanomaly

73.3228, -7.7427, 5.6537

Deuteranomaly

73.2681, -2.9323, 3.3163

Tritanomaly

73.6536, -11.8895, -2.3425

Monochromacy



Original Color

73.6195, -16.1566, 4.4492

Achromatopsia

71.7578, -3.8288, 3.8987

Achromatomaly

72.2281, -8.3882, 3.8988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.6195, -16.1566, 4.4492 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(166, 202, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 202, 193)  
}
```

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(166, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 202, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 73.6195, -16.1566, 4.4492 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(166, 202, 193) }
```


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

```
.border{ border-color:rgb(166, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 202,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.6195, -16.1566, 4.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 202, 193) }
```

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

```
.background{ background-color: rgb(166,  
202, 193) }
```

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