

Converting Colors

HunterLab(71.4591, -34.1190,
18.4306)

Have a look what the booklet for
HunterLab(71.4591, -34.1190,
18.4306) contains.

HunterLab(71.6139, -34.2970, 18.5770)	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(71.6139,
-34.2970, 18.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	7DCF99
RGB	125, 207, 153
RGB Percent	49%, 81%, 60%
CMY	0.5098, 0.1882, 0.4000
CMYK	0.40, 0.00, 0.26, 0.19
HSL	140°, 46%, 65%
HSV	140°, 40%, 81%
XYZ	36.5200, 51.2855, 38.1112
YIQ	176.3260, -31.5380, -34.1780

Conversions

Conversions Part 2

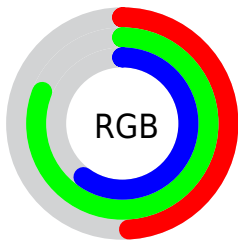
Format	Color
RYB	125, 186, 207
Decimal	8245145
CIELab	76.85, -36.73, 19.14
CIELCh	77, 41.415, 152.472
Yxy	51.2876, 0.2900, 0.4073
Android (android.graphics.Color)	4286435225 (0xFF7DCF99)
YUV	176.3260, -11.4997, -45.0129
Hunter-Lab	71.6139, -34.2970, 18.5770

Details

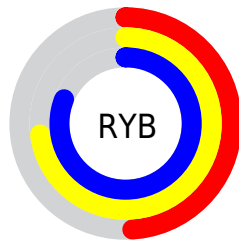
The HunterLab color **71.6139, -34.2970, 18.5770** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **55.8466, 33.9674, -10.2725**, and the grayscale version is **66.0830, -3.5260, 3.5904**.

A 20% lighter version of the original color is **92.6161, -34.9381, 18.2561**, and **49.7548, -28.8620, 15.1740** is the 20% darker color. If you saturate the color by 10%, you get **70.3304, -39.9706, 21.9262**, and if you desaturate by 10%, it is **73.1353, -27.7819, 15.0848**.

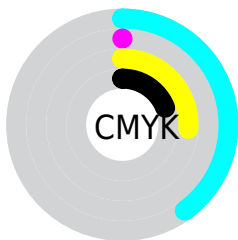
Distribution



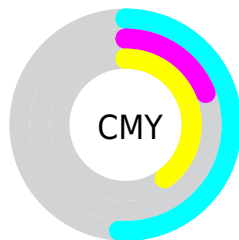
- Red (49%)
- Green (81%)
- Blue (60%)



- Red (49%)
- Yellow (73%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.6139, -34.2970, 18.5770 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 71.6139, -34.2970, 18.5770 by changing the saturation by 10% instead.

■ 71.6139, -34.2970,
18.5770

■ 71.6139, -34.2970,
18.5770

197.9091,
-55.3559, 32.6598

■ 60.3635, -31.6822,
16.9453

■ 95.9582, -39.2865,
21.7659

■ 49.7718, -28.9563,
15.2736

■ 108.9911,
-41.6890, 23.3359

■ 39.8842, -26.0878,
13.5467

■ 122.5659,
-44.0448, 24.8963

■ 30.7550, -23.0286,
11.7415

136.6616,
-46.3620, 26.4509

■ 22.4535, -19.7038,
9.8214

151.2598,
-48.6468, 28.0024

■ 15.0721, -15.9870,
7.8235

166.3437,

■ 8.7101, -15.2427,

-50.9046, 29.5533

6.0971

181.8981,
-53.1398, 31.1052

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.6139, -34.2970,
18.5770

■ 71.6139, -34.2970,
18.5770

■ 70.3304, -39.9706,
21.9262

■ 73.1353, -27.7819,
15.0848

■ 69.2774, -44.7536,
25.0878

■ 74.8894, -20.4865,
11.4896

■ 68.4494, -48.6263,
28.0223

■ 76.8738, -12.4887,
7.8324

■ 67.8342, -51.5987,
30.6933


■ 79.0822, -3.8717,
4.1496


■ 67.4136, -53.7184,


■ 81.5065, 5.2800,


33.0699


0.4731

 67.1493, -55.1279,
35.1174

 84.1374, 14.8849,
-3.1706

 67.1405, -55.1756,
35.1885

 85.2592, 19.4649,
-9.1216

 85.5030, 20.7297,
-12.5541

Harmonies

Analogous

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



71.6154, -22.9717, 28.0431



71.6139, -34.2970, 18.5770



71.6154, -37.7471, 2.3331

Triad

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



71.6154, -34.2981, 18.5777



71.6154, -2.1907, -42.0124



71.6154, 30.8552, 20.6106

Complementary

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



71.6139, -34.2970, 18.5770



55.8466, 33.9674, -10.2725

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.



71.6154, 37.8887, 5.4288



71.6139, -34.2970, 18.5770



71.6154, 17.5718, -33.4599

Square

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



71.6154, -34.2981, 18.5777



71.6154, -20.4373, -35.7782



71.6154, 32.7867, -14.7468



71.6154, 14.4547, 28.9755

Rectangle

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



71.6139, -34.2970, 18.5770



71.6154, -35.4530, -11.2177



71.6154, 32.7867, -14.7468



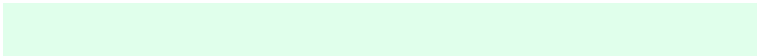
71.6154, 34.4685, 16.3017

Sweetspot

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



71.6154, -34.2981, 18.5777



96.6544, -18.4509, 11.0920



74.6807, -23.7040, 30.1989



44.5599, -9.1649, 5.4155

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.6154, -34.2981, 18.5777



89.1883, -49.9094, 27.3290



72.7000, -27.9459, 3.0015



36.4307, -5.8366, 3.6751



53.3069, -43.7009, 27.7088



12.6633, -9.9702, 5.6947

Inverse Universe

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



55.8466, 33.9674, -10.2725



65.3761, 53.8072, -15.9884



54.5784, 27.7967, 7.7205



34.5508, 2.2143, 0.2101



30.8250, 56.5000, -8.8504



7.3881, 13.7152, -3.4648

Previews

White Background



This preview shows how the HunterLab color 71.6139, -34.2970, 18.5770 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 71.6139, -34.2970, 18.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

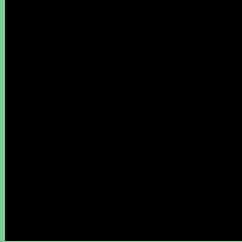
Any Text WCAG AA ✓ Pass

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 71.6139, -34.2970, 18.5770 Background



This preview shows how black text looks on a background with the HunterLab color 71.6139, -34.2970, 18.5770.



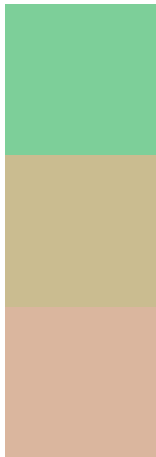
This preview shows how white text looks on a background with the HunterLab color 71.6139,

-34.2970, 18.5770.

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

71.6139, -34.2970, 18.5770

Protanopia

71.0891, -5.4520, 21.7031

Deuteranopia

71.2951, 4.9564, 17.1177



Tritanopia

71.5836, -17.2076, -9.4407

Trichromacy



Original Color

71.6139, -34.2970, 18.5770



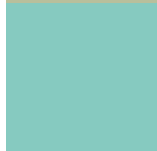
Protanomaly

70.8064, -17.4332, 20.2113



Deuteranomaly

70.6061, -11.3159, 16.8975



Tritanomaly

71.4949, -24.0841, 2.2772

Monochromacy



Original Color

71.6139, -34.2970, 18.5770



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

67.4803, -15.6073, 8.7584

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.6139, -34.2970, 18.5770 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, 207, 153)` looks like.

```
.text, #text, p{  
    color:rgb(125, 207, 153)  
}
```

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, 207, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 207, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 71.6139, -34.2970, 18.5770 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, 207, 153) }
```


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

```
.border{ border-color:rgb(125, 207, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 207, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 207, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 207, 153);  
box-shadow:4px 4px 4px 4px rgb(125, 207,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.6139, -34.2970, 18.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 207, 153) }
```

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

```
.background{ background-color: rgb(125,  
207, 153) }
```

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