

Converting Colors

HunterLab(63.7787, -34.7556,
17.7371)

Have a look what the booklet for
HunterLab(63.7787, -34.7556,
17.7371) contains.

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Color

**HunterLab(63.7635,
-34.7971, 17.7097)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 61BD86 |
| RGB | 97, 189, 134 |
| RGB Percent | 38%, 74%, 53% |
| CMY | 0.6196, 0.2588, 0.4745 |
| CMYK | 0.49, 0.00, 0.29, 0.26 |
| HSL | 144°, 41%, 56% |
| HSV | 144°, 49%, 74% |
| XYZ | 27.4305, 40.6578, 28.9563 |
| YIQ | 155.2220, -37.1770, -36.6090 |

Conversions

Conversions Part 2

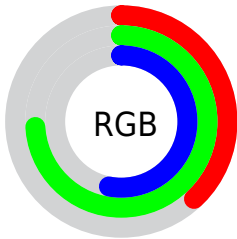
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 97, 163, 189 |
| Decimal | 6405510 |
| CIELab | 69.94, -39.99, 19.55 |
| CIELCh | 70, 44.514, 153.947 |
| Yxy | 40.6595, 0.2827, 0.4190 |
| Android (android.graphics.Color) | 4284595590 (0xFF61BD86) |
| YUV | 155.2220, -10.4624, -51.0607 |
| Hunter-Lab | 63.7635, -34.7971, 17.7097 |

Details

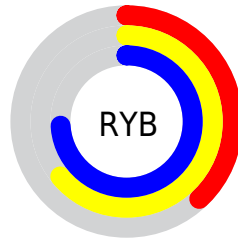
The HunterLab color $63.7635, -34.7971, 17.7097$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $46.5147, 37.2926, -8.5516$, and the grayscale version is $57.3954, -3.0625, 3.1184$.

A 20% lighter version of the original color is $87.3337, -40.2929, 21.1920$, and $42.8945, -28.8703, 14.3325$ is the 20% darker color. If you saturate the color by 10%, you get $62.8039, -39.1221, 20.4162$, and if you desaturate by 10%, it is $64.9282, -29.7137, 14.9151$.

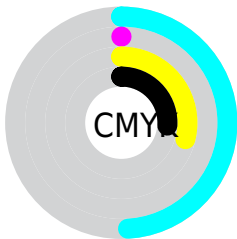
Distribution



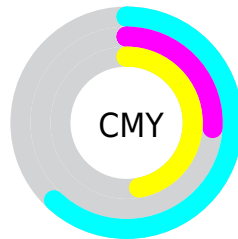
- Red (38%)
- Green (74%)
- Blue (53%)



- Red (38%)
- Yellow (64%)
- Blue (74%)



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)



- Cyan (62%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7635, -34.7971, 17.7097 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 63.7635, -34.7971, 17.7097 by changing the saturation by 10% instead.

■ 63.7635, -34.7971,
17.7097

■ 63.7635, -34.7971,
17.7097

186.7874,
-57.5140, 32.0123

■ 52.9652, -31.9058,
16.0271

■ 87.2736, -40.2569,
20.9751

■ 42.8552, -28.8649,
14.2922

■ 99.9182, -42.8647,
22.5747

■ 33.4856, -25.6279,
12.4843

■ 113.1205,
-45.4105, 24.1607

■ 24.9203, -22.1231,
10.5712

■ 126.8581,
-47.9050, 25.7375

■ 17.2433, -18.2331,
8.5008

141.1107,
-50.3564, 27.3085

■ 10.5727, -17.3319,
7.4009

155.8603,

0.0000, NaN, NaN

-52.7714, 28.8766

0.0000, NaN, NaN

171.0908,
-55.1558, 30.4439

0.0000, NaN, NaN

■ 63.7635, -34.7971,
17.7097

■ 63.7635, -34.7971,
17.7097

■ 62.8039, -39.1221,
20.4162

■ 64.9282, -29.7137,
14.9151

■ 62.0397, -42.6663,
22.9978

■ 66.2963, -23.9094,
12.0654

■ 61.4622, -45.4361,
25.4213


■ 67.8683, -17.4403,
9.1943

■ 61.0562, -47.4679,
27.6554


■ 69.6409, -10.3716,
6.3320


■ 60.7913, -48.8716,
29.6644


■ 71.6087, -2.7735,
3.5048

 60.7607, -49.0356,
29.9082

 73.7648, 5.2827,
0.7346

 76.1012, 13.7284,
-1.9613

 78.6091, 22.4993,
-4.5698

 79.8093, 27.0363,
-9.1303

Harmonies

Analogous

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



63.7648, -23.7566, 27.2152



63.7635, -34.7971, 17.7097



63.7648, -37.8368, 0.8638

Triad

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



63.7648, -34.7980, 17.7103



63.7648, -0.6987, -45.7446



63.7648, 32.2810, 20.9079

Complementary

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



63.7635, -34.7971, 17.7097



46.5147, 37.2926, -8.5516

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.



63.7648, 40.3549, 5.9724



63.7635, -34.7971, 17.7097



63.7648, 19.8684, -35.6146

Square

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



63.7648, -34.7980, 17.7103



63.7648, -19.6472, -39.6665



63.7648, 35.5522, -15.0688



63.7648, 14.6439, 28.6155

Rectangle

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



63.7635, -34.7971, 17.7097



63.7648, -35.2789, -13.4994



63.7648, 35.5522, -15.0688



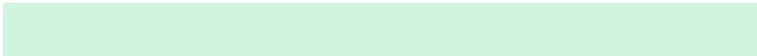
63.7648, 36.2971, 16.7684

Sweetspot

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



63.7648, -34.7980, 17.7103



91.6105, -20.1738, 10.9844



66.2984, -26.2505, 30.2791



42.2574, -10.2606, 5.4690



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.



63.7648, -34.7980, 17.7103



84.0189, -52.4870, 27.4109



64.9812, -27.6097, 0.2552



32.7284, -5.1158, 3.0717



49.8531, -40.1322, 24.3218



9.9323, -7.5357, 3.8529

Inverse Universe

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



46.5147, 37.2926, -8.5516



57.1475, 60.7368, -12.9070



45.1817, 31.0546, 10.4185



31.0315, 1.8543, 0.4348



28.4547, 51.6024, -3.8828



5.7426, 10.6117, -2.3150

Previews

White Background



This preview shows how the HunterLab color 63.7635, -34.7971, 17.7097 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 63.7635, -34.7971, 17.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

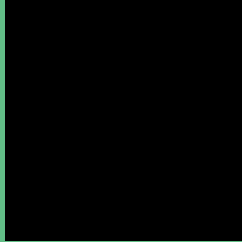
Any Text WCAG AA ✓ Pass

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 63.7635, -34.7971, 17.7097 Background



This preview shows how black text looks on a background with the HunterLab color 63.7635, -34.7971, 17.7097.



This preview shows how white text looks on a background with the HunterLab color 63.7635,

-34.7971, 17.7097.

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

63.7635, -34.7971, 17.7097

Protanopia

63.3839, -5.6877, 20.8084

Deuteranopia

63.2125, 4.7500, 15.7630



Tritanopia

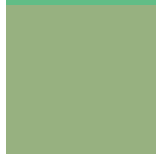
63.6742, -18.0851, -9.7096

Trichromacy



Original Color

63.7635, -34.7971, 17.7097



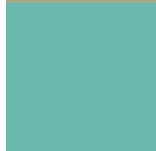
Protanomaly

62.9143, -18.2291, 19.2028



Deuteranomaly

62.3836, -11.7775, 15.3819



Tritanomaly

63.5798, -24.9434, 1.8732

Monochromacy



Original Color

63.7635, -34.7971, 17.7097



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

59.0020, -15.7712, 8.3421

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7635, -34.7971, 17.7097 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(97, 189, 134)` looks like.

```
.text, #text, p{  
    color:rgb(97, 189, 134)  
}
```

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(97, 189, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 189, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7635, -34.7971, 17.7097 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(97, 189, 134) }
```


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

```
.border{ border-color:rgb(97, 189, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 189, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 189, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 189, 134);  
box-shadow:4px 4px 4px 4px rgb(97, 189,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7635, -34.7971, 17.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 189, 134) }
```

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

```
.background{ background-color: rgb(97, 189,  
134) }
```

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](#).

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