

Converting Colors

HunterLab(64.8865, -37.6004,
17.5581)

Have a look what the booklet for
HunterLab(64.8865, -37.6004,
17.5581) contains.

HunterLab(64.7860, -37.5634, 17.6041)	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(64.7860,
-37.5634, 17.6041)**

Conversions

Conversions Part 1

Format	Color
Hex	57C189
RGB	87, 193, 137
RGB Percent	34%, 76%, 54%
CMY	0.6588, 0.2431, 0.4627
CMYK	0.55, 0.00, 0.29, 0.24
HSL	148°, 46%, 55%
HSV	148°, 55%, 76%
XYZ	27.5158, 41.9723, 30.3181
YIQ	154.9220, -45.2000, -39.8880

Conversions

Conversions Part 2

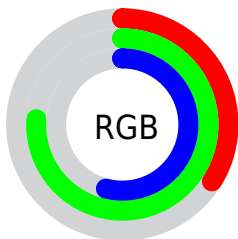
Format	Color
RYB	87, 159, 193
Decimal	5751177
CIELab	70.85, -43.60, 19.14
CIELCh	71, 47.616, 156.293
Yxy	41.9740, 0.2757, 0.4205
Android (android.graphics.Color)	4283941257 (0xFF57C189)
YUV	154.9220, -8.8355, -59.5676
Hunter-Lab	64.7860, -37.5634, 17.6041

Details

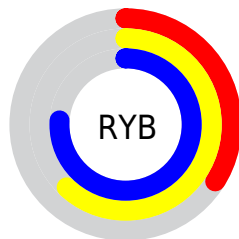
The HunterLab color **64.7860, -37.5634, 17.6041** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **44.8753, 42.2300, -5.9447**, and the grayscale version is **57.2693, -3.0557, 3.1116**.

A 20% lighter version of the original color is **88.3528, -43.3160, 20.6075**, and **43.9112, -31.3068, 14.3351** is the 20% darker color. If you saturate the color by 10%, you get **63.9429, -41.4079, 20.1205**, and if you desaturate by 10%, it is **65.8308, -32.9572, 15.0530**.

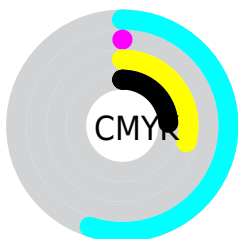
Distribution



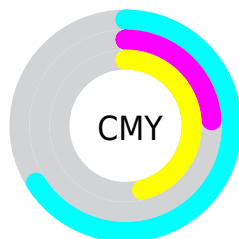
- Red (34%)
- Green (76%)
- Blue (54%)



- Red (34%)
- Yellow (62%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7860, -37.5634, 17.6041 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 64.7860, -37.5634, 17.6041 by changing the saturation by 10% instead.

■ 64.7860, -37.5634,
17.6041

■ 64.7860, -37.5634,
17.6041

188.2485,
-61.7793, 31.7306

■ 53.9267, -34.4586,
15.9501

■ 88.4083, -43.4123,
20.8204

■ 43.7516, -31.1884,
14.2473

■ 101.1050,
-46.1995, 22.3983

■ 34.3117, -27.7029,
12.4766

■ 114.3573,
-48.9163, 23.9641

■ 25.6696, -23.9257,
10.6077

■ 128.1428,
-51.5744, 25.5220

■ 17.9070, -19.7340,
8.5919

142.4417,
-54.1829, 27.0752

■ 11.1378, -18.2464,
7.7965

157.2360,

■ 3.0729, -5.3776,

-56.7493, 28.6264

2.1510

172.5099,
-59.2797, 30.1776

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7860, -37.5634,
17.6041

■ 64.7860, -37.5634,
17.6041

■ 63.9429, -41.4079,
20.1205

■ 65.8308, -32.9572,
15.0530

■ 63.2888, -44.4857,
22.5661

■ 67.0781, -27.6126,
12.4986

■ 62.8119, -46.8231,
24.9073

■ 68.5305, -21.5743,
9.9723

■ 62.4925, -48.4801,
27.1103


■ 70.1865, -14.8991,
7.5015

■ 62.3678, -49.1531,


■ 72.0422, -7.6523,


28.1531

5.1099

 74.0919, 0.0971,
2.8162

 76.3284, 8.2804,
0.6349

 78.7436, 16.8316,
-1.4240

 80.6510, 23.5737,
-4.2626

Harmonies

Analogous

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



64.7873, -26.4641, 28.1469



64.7860, -37.5634, 17.6041



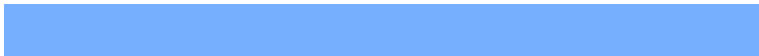
64.7873, -40.1011, -1.0008

Triad

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



64.7873, -37.5642, 17.6047



64.7873, 1.2012, -49.9863



64.7873, 33.9291, 22.9766

Complementary

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



64.7860, -37.5634, 17.6041



44.8753, 42.2300, -5.9447

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.



64.7873, 43.7216, 7.7490



64.7860, -37.5634, 17.6041



64.7873, 23.2815, -37.5776

Square

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



64.7873, -37.5642, 17.6047



64.7873, -19.4760, -44.6729



64.7873, 39.5881, -14.6534



64.7873, 14.2801, 30.4541

Rectangle

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



64.7860, -37.5634, 17.6041



64.7873, -36.9381, -16.7528



64.7873, 39.5881, -14.6534



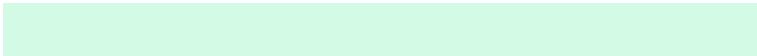
64.7873, 38.5934, 18.8273

Sweetspot

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



64.7873, -37.5642, 17.6047



93.6179, -21.1718, 10.4729



66.8709, -31.0403, 32.6671



43.1420, -10.6847, 5.1660



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



64.7873, -37.5642, 17.6047



85.3667, -56.3693, 27.6270



66.2286, -29.0125, -3.0381



33.6692, -5.1749, 2.9146



50.8786, -39.9888, 22.7305



10.6414, -7.9061, 3.7662

Inverse Universe

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



44.8753, 42.2300, -5.9447



54.5708, 68.3466, -7.6383



43.4764, 35.8777, 14.0633



31.8823, 1.8197, 0.7075



28.6262, 51.3074, 0.7918



6.0656, 11.0815, -1.4605

Previews

White Background



This preview shows how the HunterLab color 64.7860, -37.5634, 17.6041 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 64.7860, -37.5634, 17.6041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

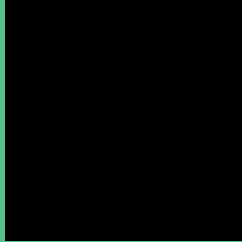
Any Text WCAG AA ✓ Pass

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 64.7860, -37.5634, 17.6041 Background



This preview shows how black text looks on a background with the HunterLab color 64.7860, -37.5634, 17.6041.



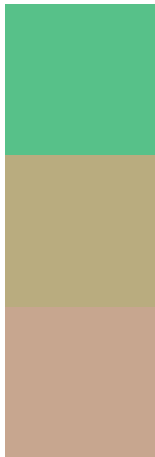
This preview shows how white text looks on a background with the HunterLab color 64.7860, -37.5634, 17.6041.

-37.5634, 17.6041.

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

64.7860, -37.5634, 17.6041

Protanopia

64.3052, -5.4127, 21.0171

Deuteranopia

64.3411, 4.3316, 15.7760



Tritanopia

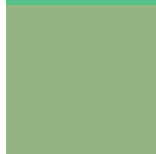
64.7080, -20.5520, -10.5552

Trichromacy



Original Color

64.7860, -37.5634, 17.6041



Protanomaly

63.7736, -19.7632, 18.9880



Deuteranomaly

63.4373, -14.1258, 15.2906



Tritanomaly

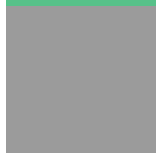
64.6045, -27.5275, 1.1538

Monochromacy



Original Color

64.7860, -37.5634, 17.6041



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

59.3800, -17.5233, 8.3084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7860, -37.5634, 17.6041 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(87, 193, 137)` looks like.

```
.text, #text, p{  
    color:rgb(87, 193, 137)  
}
```

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(87, 193, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 193, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7860, -37.5634, 17.6041 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(87, 193, 137) }
```


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

```
.border{ border-color:rgb(87, 193, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 193, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 193, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 193, 137);  
box-shadow:4px 4px 4px 4px rgb(87, 193,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7860, -37.5634, 17.6041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 193, 137) }
```

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

```
.background{ background-color: rgb(87, 193,  
137) }
```

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