

Converting Colors

HunterLab(57.2659, -37.0318,
15.2374)

Have a look what the booklet for
HunterLab(57.2659, -37.0318,
15.2374) contains.

HunterLab(57.2659, -37.0318, 15.2374)	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(57.2659,
-37.0318, 15.2374)**

Conversions

Conversions Part 1

Format	Color
Hex	33AF7B
RGB	51, 175, 123
RGB Percent	20%, 69%, 48%
CMY	0.8000, 0.3137, 0.5176
CMYK	0.71, 0.00, 0.30, 0.31
HSL	155°, 55%, 44%
HSV	155°, 71%, 69%
XYZ	20.2704, 32.7938, 24.0004
YIQ	131.9960, -57.2120, -42.4600

Conversions

Conversions Part 2

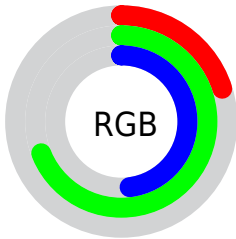
Format	Color
RYB	51, 129, 175
Decimal	3387259
CIELab	63.99, -46.07, 17.11
CIELCh	64, 49.145, 159.629
Yxy	32.7951, 0.2630, 0.4255
Android (android.graphics.Color)	4281577339 (0xFF33AF7B)
YUV	131.9960, -4.4350, -71.0335
Hunter-Lab	57.2659, -37.0318, 15.2374

Details

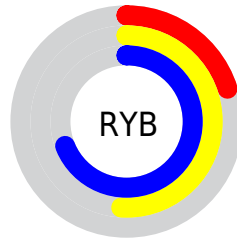
The HunterLab color $57.2659, -37.0318, 15.2374$ is a dark color, and the websafe version is hex 009966 . A complement of this color would be $35.3010, 45.9889, 1.0034$, and the grayscale version is $48.0682, -2.5648, 2.6116$.

A 20% lighter version of the original color is $79.8731, -43.1846, 17.9719$, and $37.6419, -27.5889, 12.5074$ is the 20% darker color. If you saturate the color by 10%, you get $56.7855, -39.3143, 17.1582$, and if you desaturate by 10%, it is $57.9044, -34.1245, 13.3355$.

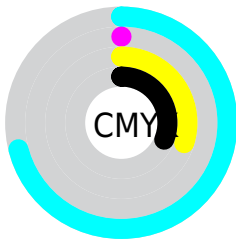
Distribution



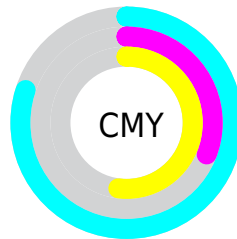
- Red (20%)
- Green (69%)
- Blue (48%)



- Red (20%)
- Yellow (51%)
- Blue (69%)



- Cyan (71%)
- Magenta (0%)
- Yellow (30%)
- Black (31%)



- Cyan (80%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.2659, -37.0318, 15.2374 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 57.2659, -37.0318, 15.2374 by changing the saturation by 10% instead.

■ 57.2659, -37.0318,
15.2374

■ 57.2659, -37.0318,
15.2374

177.4051,
-62.7540, 28.5626

■ 46.8717, -33.6537,
13.6814

■ 80.0347, -43.3291,
18.2611

■ 37.1948, -30.0622,
12.0763

■ 92.3359, -46.3060,
19.7457

■ 28.2943, -26.1865,
10.3998

■ 105.2098,
-49.1957, 21.2204

■ 20.2449, -21.9153,
8.6154

■ 118.6319,
-52.0128, 22.6893

■ 13.1486, -18.2873,
6.9903

■ 132.5807,
-54.7687, 24.1557

■ 6.6501, -11.6377,
4.6551

147.0371,

0.0000, NaN, NaN

-57.4728, 25.6221

0.0000, NaN, NaN

161.9837,
-60.1325, 27.0905

0.0000, NaN, NaN

■ 57.2659, -37.0318,
15.2374

■ 57.2659, -37.0318,
15.2374

■ 56.7855, -39.3143,
17.1582

■ 57.9044, -34.1245,
13.3355

■ 56.4455, -41.0089,
19.0661

■ 58.7073, -30.5775,
11.4790

■ 56.2252, -42.1707,
20.7578

■ 59.6821, -26.3993,
9.6940

■ 60.8319, -21.6152,
8.0030

■ 62.1571, -16.2636,
6.4250

■ 63.6561, -10.3925,
4.9747

■ 65.3252, -4.0557,
3.6630

■ 67.1594, 2.6908,
2.4968

■ 69.1527, 9.7915,
1.4794

Harmonies

Analogous

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



57.2670, -27.2202, 25.9656



57.2659, -37.0318, 15.2374



57.2670, -38.5312, -3.8952

Triad

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



57.2670, -37.0323, 15.2379



57.2670, 4.0575, -51.1359



57.2670, 32.5787, 23.0288

Complementary

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



57.2659, -37.0318, 15.2374



35.3010, 45.9889, 1.0034

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.



57.2670, 43.9248, 9.3416



57.2659, -37.0318, 15.2374



57.2670, 25.9205, -36.4374

Square

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



57.2670, -37.0323, 15.2379



57.2670, -16.8142, -47.6840



57.2670, 41.3224, -12.4160



57.2670, 12.1317, 29.1676

Rectangle

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



57.2659, -37.0318, 15.2374



57.2670, -34.8811, -20.0646



57.2670, 41.3224, -12.4160



57.2670, 37.7116, 19.4154

Sweetspot

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



57.2670, -37.0323, 15.2379



83.0857, -22.1451, 8.7013



58.2130, -35.2630, 32.0629



38.9353, -11.3808, 4.3645



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



57.2670, -37.0323, 15.2379



75.7156, -53.9767, 24.3996



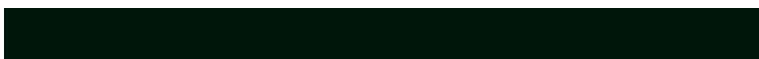
55.9822, -25.0348, -8.8978



30.0240, -4.4324, 2.2368



47.5926, -35.6051, 17.3747



8.0045, -5.5300, 1.9329

Inverse Universe

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



35.3010, 45.9889, 1.0034



43.2501, 70.1131, 5.6673



35.3682, 38.3138, 17.2135



28.4060, 1.4364, 1.0059



26.2426, 46.3127, 6.3257



4.5018, 8.1779, -0.7228

Previews

White Background



This preview shows how the HunterLab color 57.2659, -37.0318, 15.2374 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 57.2659, -37.0318, 15.2374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

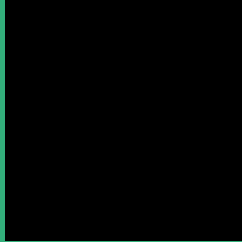
Any Text WCAG AA ✓ Pass

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 57.2659, -37.0318, 15.2374 Background



This preview shows how black text looks on a background with the HunterLab color 57.2659, -37.0318, 15.2374.



This preview shows how white text looks on a background with the HunterLab color 57.2659, -37.0318, 15.2374.

-37.0318, 15.2374.

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

57.2659, -37.0318, 15.2374

Protanopia

56.8355, -5.0756, 18.6355

Deuteranopia

56.6674, 3.7849, 13.2543



Tritanopia

57.3039, -21.6449, -10.2998

Trichromacy



Original Color

57.2659, -37.0318, 15.2374



Protanomaly

56.0447, -20.2271, 16.3762



Deuteranomaly

55.5079, -15.4018, 12.4874



Tritanomaly

57.2906, -28.1152, 0.3916

Monochromacy



Original Color

57.2659, -37.0318, 15.2374



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

50.6442, -17.6214, 6.5838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.2659, -37.0318, 15.2374 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(51, 175, 123)` looks like.

```
.text, #text, p{  
    color:rgb(51, 175, 123)  
}
```

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(51, 175, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 175, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 57.2659, -37.0318, 15.2374 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(51, 175, 123) }
```


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

```
.border{ border-color:rgb(51, 175, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 175, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 175, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 175, 123);  
box-shadow:4px 4px 4px 4px rgb(51, 175,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.2659, -37.0318, 15.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 175, 123) }
```

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

```
.background{ background-color: rgb(51, 175,  
123) }
```

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