

Converting Colors

HunterLab(60.1014, -37.0694,
25.3739)

Have a look what the booklet for
HunterLab(60.1014, -37.0694,
25.3739) contains.

HunterLab(60.0969, -37.0048, 25.4659)	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(60.0969,
-37.0048, 25.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB560
RGB	91, 181, 96
RGB Percent	36%, 71%, 38%
CMY	0.6431, 0.2902, 0.6235
CMYK	0.50, 0.00, 0.47, 0.29
HSL	123°, 38%, 53%
HSV	123°, 50%, 71%
XYZ	22.9495, 36.1164, 16.8279
YIQ	144.4000, -26.3550, -45.5150

Conversions

Conversions Part 2

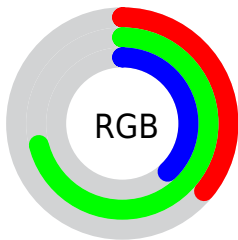
Format	Color
RYB	91, 176, 181
Decimal	6010208
CIELab	66.61, -44.72, 35.10
CIElCh	67, 56.852, 141.875
Yxy	36.1179, 0.3024, 0.4759
Android (android.graphics.Color)	4284200288 (0xFF5BB560)
YUV	144.4000, -23.8612, -46.8318
Hunter-Lab	60.0969, -37.0048, 25.4659

Details

The HunterLab color $60.0969, -37.0048, 25.4659$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $45.2118, 41.8274, -25.2738$, and the grayscale version is $53.0722, -2.8318, 2.8835$.

A 20% lighter version of the original color is $83.3608, -43.2011, 30.6833$, and $39.5727, -30.2895, 19.8250$ is the 20% darker color. If you saturate the color by 10%, you get $59.1818, -41.2170, 28.3530$, and if you desaturate by 10%, it is $61.2382, -31.8771, 22.0232$.

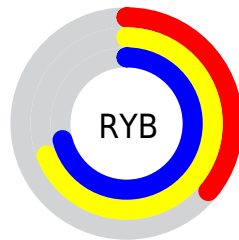
Distribution



Red (36%)

Green (71%)

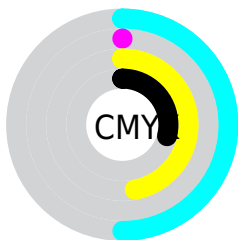
Blue (38%)



Red (36%)

Yellow (69%)

Blue (71%)

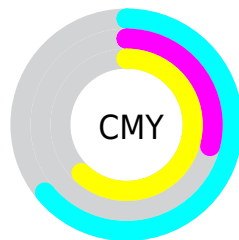


Cyan (50%)

Magenta (0%)

Yellow (47%)

Black (29%)



Cyan (64%)

Magenta (29%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.0969, -37.0048, 25.4659 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 60.0969, -37.0048, 25.4659 by changing the saturation by 10% instead.

■ 60.0969, -37.0048,
25.4659

■ 60.0969, -37.0048,
25.4659

181.5146,
-61.9584, 46.6434

■ 49.5230, -33.7622,
22.7516

■ 83.1949, -43.0779,
30.5726

■ 39.6531, -30.3281,
19.8897

■ 95.6484, -45.9587,
33.0055

■ 30.5432, -26.6418,
16.8373

■ 108.6679,
-48.7603, 35.3779

■ 22.2627, -22.6079,
13.5768

■ 122.2298,
-51.4959, 37.7006

■ 14.9052, -18.2284,
10.4336

136.3131,
-54.1757, 39.9821

■ 8.5543, -14.9700,
5.9880

150.8992,

0.0000, NaN, NaN

-56.8084, 42.2295

0.0000, NaN, NaN

165.9715,
-59.4007, 44.4484

0.0000, NaN, NaN

■ 60.0969, -37.0048,
25.4659

■ 60.0969, -37.0048,
25.4659

■ 59.1818, -41.2170,
28.3530

■ 61.2382, -31.8771,
22.0232

■ 58.4820, -44.4931,
30.6642

■ 62.6047, -25.8774,
18.0590

■ 57.9864, -46.8515,
32.4012

■ 64.1965, -19.0746,
13.6210

■ 57.6764, -48.3505,
33.5882

■ 66.0093, -11.5506,
8.7637

■ 57.5113, -49.1582,
34.2657

■ 68.0363, -3.3947,
3.5452

■ 57.5076, -49.1759,
34.2772

■ 70.2690, 5.3030,
-1.9773

■ 72.6975, 14.4559,
-7.7494

■ 75.3112, 23.9841,
-13.7222

■ 78.0991, 33.8168,
-19.8523

Harmonies

Analogous

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



60.0982, -20.3450, 32.3868



60.0969, -37.0048, 25.4659



60.0982, -44.3187, 9.4742

Triad

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



60.0982, -37.0058, 25.4663



60.0982, -9.9580, -63.2884



60.0982, 49.1590, 18.1342

Complementary

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



60.0969, -37.0048, 25.4659



45.2118, 41.8274, -25.2738

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.



60.0982, 53.1827, -3.6725



60.0969, -37.0048, 25.4659



60.0982, 16.0901, -57.7841

Square

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



60.0982, -37.0058, 25.4663



60.0982, -30.4874, -45.9529



60.0982, 40.2369, -33.0604



60.0982, 30.0119, 29.5438

Rectangle

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



60.0969, -37.0048, 25.4659



60.0982, -43.9246, -7.0953



60.0982, 40.2369, -33.0604



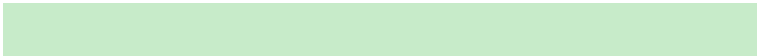
60.0982, 52.4397, 12.0675

Sweetspot

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



60.0982, -37.0058, 25.4663



86.9600, -21.1341, 15.3849



65.6455, -15.8172, 31.2342



40.1986, -10.7823, 7.7713



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



60.0982, -37.0058, 25.4663



79.0644, -55.7885, 38.3817



60.9767, -31.7406, 12.7041



30.8180, -5.2347, 3.9893



47.7505, -40.8067, 28.4061



8.4849, -7.1452, 4.8189

Inverse Universe

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



45.2118, 41.8274, -25.2738



55.7718, 68.6739, -41.5181



43.5417, 34.1974, -2.0536



29.3912, 2.1876, -0.8076



29.6668, 57.6439, -33.8421



5.2856, 10.3060, -6.3068

Previews

White Background



This preview shows how the HunterLab color 60.0969, -37.0048, 25.4659 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 60.0969, -37.0048, 25.4659 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 60.0969, -37.0048, 25.4659 Background



This preview shows how black text looks on a background with the HunterLab color 60.0969, -37.0048, 25.4659.



This preview shows how white text looks on a background with the HunterLab color 60.0969,

-37.0048, 25.4659.

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

60.0969, -37.0048, 25.4659

Protanopia

59.6306, -6.5299, 27.2326

Deuteranopia

59.6320, 4.1588, 24.0594



Tritanopia

60.0068, -16.1425, -8.6574

Trichromacy



Original Color

60.0969, -37.0048, 25.4659



Protanomaly

59.0669, -19.3904, 25.8938



Deuteranomaly

58.8550, -13.5860, 23.8826



Tritanomaly

59.9190, -25.0544, 6.6626

Monochromacy



Original Color

60.0969, -37.0048, 25.4659



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

54.7779, -16.5299, 11.7320

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.0969, -37.0048, 25.4659 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(91, 181, 96)` looks like.

```
.text, #text, p{  
    color:rgb(91, 181, 96)  
}
```

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(91, 181, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 181, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 60.0969, -37.0048, 25.4659 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(91, 181, 96) }
```


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

```
.border{ border-color:rgb(91, 181, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 181, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 181, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 181, 96);  
box-shadow:4px 4px 4px 4px rgb(91, 181,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.0969, -37.0048, 25.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 181, 96) }
```

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

```
.background{ background-color: rgb(91, 181,  
96) }
```

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