

Converting Colors

HunterLab(60.4264, -37.3787,
25.7417)

Have a look what the booklet for
HunterLab(60.4264, -37.3787,
25.7417) contains.

HunterLab(60.4356, -37.3766, 25.7292)	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(60.4356,
-37.3766, 25.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB660
RGB	91, 182, 96
RGB Percent	36%, 71%, 38%
CMY	0.6431, 0.2863, 0.6235
CMYK	0.50, 0.00, 0.47, 0.29
HSL	123°, 38%, 54%
HSV	123°, 50%, 71%
XYZ	23.1537, 36.5246, 16.8960
YIQ	144.9870, -26.6300, -46.0380

Conversions

Conversions Part 2

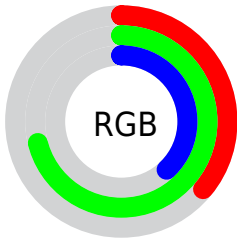
Format	Color
RYB	91, 177, 182
Decimal	6010464
CIELab	66.92, -45.14, 35.49
CIElCh	67, 57.420, 141.825
Yxy	36.5261, 0.3024, 0.4770
Android (android.graphics.Color)	4284200544 (0xFF5BB660)
YUV	144.9870, -24.1506, -47.3466
Hunter-Lab	60.4356, -37.3766, 25.7292

Details

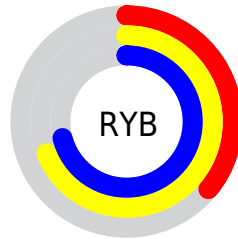
The HunterLab color $60.4356, -37.3766, 25.7292$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $45.3897, 42.3588, -25.6240$, and the grayscale version is $53.3092, -2.8444, 2.8964$.

A 20% lighter version of the original color is $83.7103, -43.6189, 30.9745$, and $39.8994, -30.5994, 20.0538$ is the 20% darker color. If you saturate the color by 10%, you get $59.5212, -41.5883, 28.6177$, and if you desaturate by 10%, it is $61.5777, -32.2416, 22.2795$.

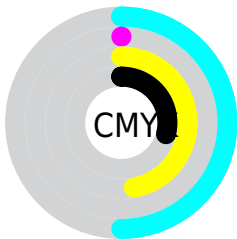
Distribution



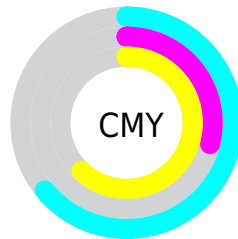
- Red (36%)
- Green (71%)
- Blue (38%)



- 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 60.4356, -37.3766, 25.7292 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 60.4356, -37.3766, 25.7292 by changing the saturation by 10% instead.

■ 60.4356, -37.3766,
25.7292

■ 60.4356, -37.3766,
25.7292

182.0040,
-62.4940, 47.0696

■ 49.8406, -34.1121,
22.9927

■ 83.5724, -43.4909,
30.8773

■ 39.9481, -30.6551,
20.1076

■ 96.0438, -46.3911,
33.3296

■ 30.8136, -26.9452,
17.0313

■ 109.0804,
-49.2113, 35.7206

■ 22.5062, -22.8872,
13.7423

■ 122.6587,
-51.9649, 38.0612

■ 15.1183, -18.4468,
10.5828

136.7579,
-54.6622, 40.3600

■ 8.7526, -15.3171,
6.1268

151.3594,

0.0000, NaN, NaN

-57.3117, 42.6240

0.0000, NaN, NaN

166.4465,
-59.9204, 44.8589

0.0000, NaN, NaN

■ 60.4356, -37.3766,
25.7292

■ 60.4356, -37.3766,
25.7292

■ 59.5212, -41.5883,
28.6177

■ 61.5777, -32.2416,
22.2795

■ 58.8233, -44.8571,
30.9252

■ 62.9467, -26.2265,
18.3024

■ 58.3306, -47.2025,
32.6541

■ 64.5426, -19.4000,
13.8456

■ 58.0241, -48.6849,
33.8298

■ 66.3614, -11.8446,
8.9642

■ 57.8613, -49.4808,
34.4933

■ 68.3961, -3.6500,
3.7164

■ 70.6383, 5.0929,
-1.8397

■ 73.0779, 14.2966,
-7.6495

■ 75.7043, 23.8805,
-13.6632

■ 78.5066, 33.7729,
-19.8370

Harmonies

Analogous

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



60.4369, -20.5251, 32.6817



60.4356, -37.3766, 25.7292



60.4369, -44.7782, 9.6001

Triad

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



60.4369, -37.3776, 25.7296



60.4369, -10.0960, -64.1944



60.4369, 49.8310, 18.2873

Complementary

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



60.4356, -37.3766, 25.7292



45.3897, 42.3588, -25.6240

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.



60.4369, 53.8799, -3.7842



60.4356, -37.3766, 25.7292



60.4369, 16.2638, -58.6455

Square

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



60.4369, -37.3776, 25.7296



60.4369, -30.8397, -46.5633



60.4369, 40.7346, -33.5757



60.4369, 30.4494, 29.8057

Rectangle

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



60.4356, -37.3766, 25.7292



60.4369, -44.3908, -7.1585



60.4369, 40.7346, -33.5757



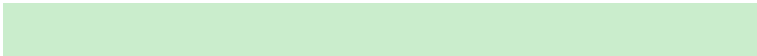
60.4369, 53.1468, 12.1522

Sweetspot

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



60.4369, -37.3776, 25.7296



88.0285, -21.4072, 15.5890



66.0403, -15.9634, 31.5283



41.1324, -11.0543, 7.9690



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



60.4369, -37.3776, 25.7296



80.0335, -56.5006, 38.8831



61.3239, -32.0595, 12.8430



31.7300, -5.4043, 4.1183



48.6260, -41.5593, 28.9362



9.1447, -7.7097, 5.2129

Inverse Universe

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



45.3897, 42.3588, -25.6240



56.4492, 69.5775, -42.1109



43.6949, 34.6294, -2.0668



30.2556, 2.2687, -0.8437



30.2154, 58.7165, -34.5192



5.6961, 11.1043, -6.7809

Previews

White Background



This preview shows how the HunterLab color 60.4356, -37.3766, 25.7292 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 60.4356, -37.3766, 25.7292 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 60.4356, -37.3766, 25.7292 Background



This preview shows how black text looks on a background with the HunterLab color 60.4356, -37.3766, 25.7292.



This preview shows how white text looks on a background with the HunterLab color 60.4356,

-37.3766, 25.7292.

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

60.4356, -37.3766, 25.7292

Protanopia

60.0224, -6.6523, 27.5332

Deuteranopia

60.0201, 4.0372, 24.3789



Tritanopia

60.3570, -16.3971, -8.7284

Trichromacy



Original Color

60.4356, -37.3766, 25.7292

Protanomaly

59.3798, -19.8235, 26.1326

Deuteranomaly

59.1595, -14.0370, 24.1249

Tritanomaly

60.2442, -25.4753, 7.0165

Monochromacy



Original Color

60.4356, -37.3766, 25.7292

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

55.0872, -16.9660, 12.0369

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.4356, -37.3766, 25.7292 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, 182, 96)` looks like.

```
.text, #text, p{  
    color:rgb(91, 182, 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, 182, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 182, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 60.4356, -37.3766, 25.7292 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, 182, 96) }
```


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

```
.border{ border-color:rgb(91, 182, 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, 182, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 182, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 182, 96);  
box-shadow:4px 4px 4px 4px rgb(91, 182,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.4356, -37.3766, 25.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 182, 96) }
```

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

```
.background{ background-color: rgb(91, 182,  
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