

Converting Colors

HunterLab(61.5433, -36.9113,
23.7857)

Have a look what the booklet for
HunterLab(61.5433, -36.9113,
23.7857) contains.

HunterLab(61.7144, -37.0882, 24.0153)	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(61.7144,
-37.0882, 24.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB96B
RGB	93, 185, 107
RGB Percent	36%, 73%, 42%
CMY	0.6353, 0.2745, 0.5804
CMYK	0.50, 0.00, 0.42, 0.27
HSL	129°, 40%, 55%
HSV	129°, 50%, 73%
XYZ	24.5170, 38.0867, 19.9693
YIQ	148.6000, -29.7940, -43.7620

Conversions

Conversions Part 2

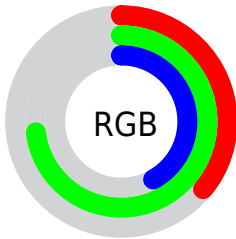
Format	Color
RYB	93, 173, 185
Decimal	6142315
CIELab	68.09, -44.15, 31.34
CIElCh	68, 54.145, 144.629
Yxy	38.0883, 0.2969, 0.4612
Android (android.graphics.Color)	4284332395 (0xFF5DB96B)
YUV	148.6000, -20.5088, -48.7612
Hunter-Lab	61.7144, -37.0882, 24.0153

Details

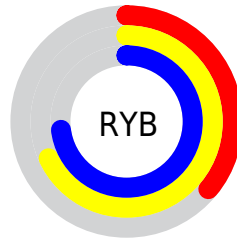
The HunterLab color **61.7144, -37.0882, 24.0153** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **45.9173, 41.2193, -20.7346**, and the grayscale version is **54.7503, -2.9213, 2.9747**.

A 20% lighter version of the original color is **85.0864, -43.1592, 28.8180**, and **41.0627, -30.5316, 18.9882** is the 20% darker color. If you saturate the color by 10%, you get **60.7751, -41.4047, 26.9986**, and if you desaturate by 10%, it is **62.8759, -31.8939, 20.6119**.

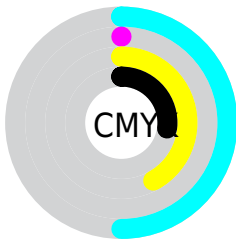
Distribution



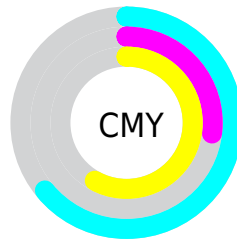
- Red (36%)
- Green (73%)
- Blue (42%)



- Red (36%)
- Yellow (68%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7144, -37.0882, 24.0153 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 61.7144, -37.0882, 24.0153 by changing the saturation by 10% instead.

■ 61.7144, -37.0882,
24.0153

■ 61.7144, -37.0882,
24.0153

183.8473,
-61.7015, 43.4407

■ 51.0404, -33.9066,
21.5686

■ 84.9961, -43.0606,
28.6474

■ 41.0633, -30.5440,
19.0000

■ 97.5347, -45.8987,
30.8668

■ 31.8373, -26.9442,
16.2720

■ 110.6357,
-48.6613, 33.0385

■ 23.4292, -23.0193,
13.3310

■ 124.2757,
-51.3608, 35.1715

■ 15.9283, -18.6268,
11.1498

138.4344,
-54.0073, 37.2729

■ 9.4613, -16.5572,
6.6229

153.0933,

0.0000, NaN, NaN

-56.6087, 39.3486

0.0000, NaN, NaN

168.2359,
-59.1716, 41.4032

0.0000, NaN, NaN

■ 61.7144, -37.0882,
24.0153

■ 61.7144, -37.0882,
24.0153

■ 60.7751, -41.4047,
26.9986

■ 62.8759, -31.8939,
20.6119

■ 60.0474, -44.8202,
29.5310

■ 64.2582, -25.8652,
16.8265

■ 59.5212, -47.3475,
31.5967


■ 65.8614, -19.0686,
12.7057

■ 59.1792, -49.0359,
33.1941


■ 67.6814, -11.5823,
8.2991


■ 58.9825, -50.0391,
34.3276


■ 69.7117, -3.4911,
3.6565

 58.9780, -50.0616,
34.3514

 71.9441, 5.1198,
-1.1746

 74.3693, 14.1682,
-6.1507

 76.9770, 23.5784,
-11.2334

 79.2131, 31.6426,
-17.2076

Harmonies

Analogous

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



61.7157, -21.6604, 31.7205



61.7144, -37.0882, 24.0153



61.7157, -43.4122, 7.3932

Triad

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



61.7157, -37.0891, 24.0158



61.7157, -7.6274, -59.6585



61.7157, 45.4158, 19.2175

Complementary

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



61.7144, -37.0882, 24.0153



45.9173, 41.2193, -20.7346

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.



61.7157, 50.7175, -0.9666



61.7144, -37.0882, 24.0153



61.7157, 17.5029, -52.5545

Square

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



61.7157, -37.0891, 24.0158



61.7157, -28.1789, -45.2517



61.7157, 39.8191, -28.4700



61.7157, 26.2844, 29.7996

Rectangle

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



61.7144, -37.0882, 24.0153



61.7157, -42.4543, -9.0120



61.7157, 39.8191, -28.4700



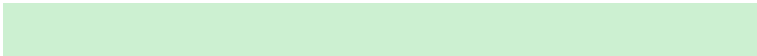
61.7157, 48.9881, 13.6037

Sweetspot

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



61.7157, -37.0891, 24.0158



89.1960, -21.1326, 14.4018



66.4609, -19.1766, 31.3784



41.1820, -10.7717, 7.2542



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.



61.7157, -37.0891, 24.0158



81.1951, -56.0473, 36.5882



62.7057, -31.1751, 9.6785



31.7519, -5.2818, 3.8044



48.6732, -41.2635, 28.2388



9.1773, -7.5057, 4.7317

Inverse Universe

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



45.9173, 41.2193, -20.7346



56.4525, 67.6398, -33.5589



44.3051, 33.8141, 1.8378



30.2301, 2.1327, -0.4831



29.4715, 56.1121, -24.6858



5.5913, 10.7384, -5.4042

Previews

White Background



This preview shows how the HunterLab color 61.7144, -37.0882, 24.0153 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 61.7144, -37.0882, 24.0153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

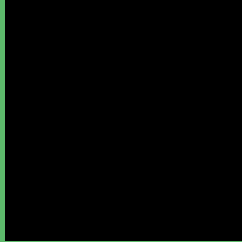
Any Text WCAG AA ✓ Pass

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 61.7144, -37.0882, 24.0153 Background



This preview shows how black text looks on a background with the HunterLab color 61.7144, -37.0882, 24.0153.



This preview shows how white text looks on a background with the HunterLab color 61.7144, -37.0882, 24.0153.

-37.0882, 24.0153.

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

61.7144, -37.0882, 24.0153

Protanopia

61.2490, -6.5549, 26.1998

Deuteranopia

61.2505, 4.2338, 22.6937



Tritanopia

61.4645, -16.9620, -8.8637

Trichromacy



Original Color

61.7144, -37.0882, 24.0153



Protanomaly

60.6302, -19.6544, 24.7235



Deuteranomaly

60.4350, -13.6981, 22.2460



Tritanomaly

61.4383, -25.5750, 5.7563

Monochromacy



Original Color

61.7144, -37.0882, 24.0153



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

56.7706, -16.7286, 11.1337

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7144, -37.0882, 24.0153 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(93, 185, 107)` looks like.

```
.text, #text, p{  
    color:rgb(93, 185, 107)  
}
```

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(93, 185, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 185, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7144, -37.0882, 24.0153 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(93, 185, 107) }
```


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

```
.border{ border-color:rgb(93, 185, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 185, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 185, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 185, 107);  
box-shadow:4px 4px 4px 4px rgb(93, 185,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7144, -37.0882, 24.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 185, 107) }
```

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

```
.background{ background-color: rgb(93, 185,  
107) }
```

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