

Converting Colors

HunterLab(62.7540, -33.1983,
26.9348)

Have a look what the booklet for
HunterLab(62.7540, -33.1983,
26.9348) contains.

HunterLab(62.7540, -33.1983, 26.9348)	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(62.7540,
-33.1983, 26.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	75B963
RGB	117, 185, 99
RGB Percent	46%, 73%, 39%
CMY	0.5412, 0.2745, 0.6118
CMYK	0.37, 0.00, 0.46, 0.27
HSL	107°, 38%, 56%
HSV	107°, 46%, 73%
XYZ	26.9372, 39.3806, 17.9858
YIQ	154.8640, -12.9220, -41.1620

Conversions

Conversions Part 2

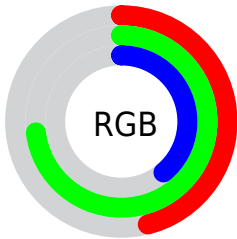
Format	Color
RYB	99, 185, 167
Decimal	7715171
CIELab	69.03, -38.06, 36.86
CIElCh	69, 52.986, 135.921
Yxy	39.3823, 0.3195, 0.4671
Android (android.graphics.Color)	4285905251 (0xFF75B963)
YUV	154.8640, -27.5410, -33.2067
Hunter-Lab	62.7540, -33.1983, 26.9348

Details

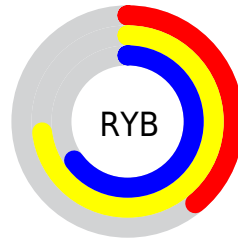
The HunterLab color $62.7540, -33.1983, 26.9348$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $45.4347, 35.0385, -31.2885$, and the grayscale version is $57.3099, -3.0579, 3.1138$.

A 20% lighter version of the original color is $86.3188, -38.6639, 32.4020$, and $41.8565, -27.4391, 21.0369$ is the 20% darker color. If you saturate the color by 10%, you get $61.7517, -37.7136, 30.0103$, and if you desaturate by 10%, it is $63.9307, -27.9820, 23.1519$.

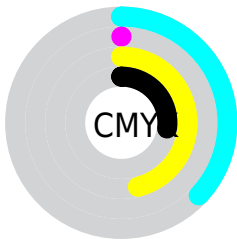
Distribution



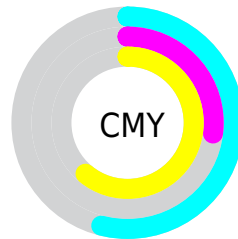
- Red (46%)
- Green (73%)
- Blue (39%)



- Red (39%)
- Yellow (73%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (46%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7540, -33.1983, 26.9348 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 62.7540, -33.1983, 26.9348 by changing the saturation by 10% instead.

■ 62.7540, -33.1983,
26.9348

■ 62.7540, -33.1983,
26.9348

185.3411,
-55.1341, 48.7955

■ 52.0166, -30.4164,
24.1344

■ 86.1522, -38.4578,
32.2085

■ 41.9717, -27.4914,
21.1858

■ 98.7449, -40.9725,
34.7216

■ 32.6724, -24.3787,
18.0480

■ 111.8975,
-43.4292, 37.1719

■ 24.1839, -21.0076,
14.6685

■ 125.5872,
-45.8382, 39.5703

■ 16.5929, -17.2615,
11.6151

139.7937,
-48.2072, 41.9254

■ 10.0215, -17.1696,
7.0151

154.4989,

0.0000, NaN, NaN

-50.5428, 44.2442

0.0000, NaN, NaN

169.6863,
-52.8503, 46.5327

0.0000, NaN, NaN

■ 62.7540, -33.1983,
26.9348

■ 62.7540, -33.1983,
26.9348

■ 61.7517, -37.7136,
30.0103

■ 63.9307, -27.9820,
23.1519

■ 60.9176, -41.4984,
32.3748

■ 65.2777, -22.1012,
18.6799

■ 60.2483, -44.5461,
34.0480


■ 66.7942, -15.6076,
13.5524


■ 59.7360, -46.8711,
35.0756

■ 68.4766, -8.5581,
7.8123


■ 59.3684, -48.5184,
35.5467


■ 70.3200, -1.0128,
1.5086

 59.2666, -48.9745,
35.6624

 72.3185, 6.9680,
-5.3063

 74.4657, 15.3261,
-12.5798

 76.7546, 24.0070,
-20.2605

 78.7378, 30.7500,
-22.1839

Harmonies

Analogous

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



62.7553, -15.5233, 32.6778



62.7540, -33.1983, 26.9348



62.7553, -42.1557, 13.1901

Triad

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



62.7553, -33.1995, 26.9353



62.7553, -14.1949, -55.8765



62.7553, 47.5156, 14.3107

Complementary

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



62.7540, -33.1983, 26.9348



45.4347, 35.0385, -31.2885

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.



62.7553, 48.0145, -8.2373



62.7540, -33.1983, 26.9348



62.7553, 9.8244, -55.2113

Square

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



62.7553, -33.1995, 26.9353



62.7553, -32.3536, -37.0444



62.7553, 33.3867, -35.4705



62.7553, 32.1116, 27.4886

Rectangle

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



62.7540, -33.1983, 26.9348



62.7553, -42.9955, -1.2865



62.7553, 33.3867, -35.4705



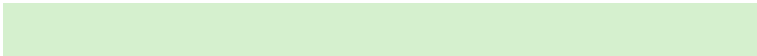
62.7553, 49.5024, 7.7805

Sweetspot

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



62.7553, -33.1995, 26.9353



89.8764, -18.8192, 16.4716



62.1473, -5.4607, 26.9371



41.5143, -9.6500, 8.3824



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.



62.7553, -33.1995, 26.9353



82.5866, -50.7075, 40.3164



62.2829, -34.2111, 19.8255



31.8563, -4.9754, 4.4543



48.9308, -40.2983, 29.4454



9.3315, -6.9584, 5.6282

Inverse Universe

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



45.4347, 35.0385, -31.2885



55.1463, 58.2852, -53.3803



46.6897, 36.3186, -13.1991



30.1087, 1.8046, -1.2640



25.6823, 53.2683, -55.3928



5.0666, 10.3361, -9.5899

Previews

White Background



This preview shows how the HunterLab color 62.7540, -33.1983, 26.9348 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 62.7540, -33.1983, 26.9348 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 62.7540, -33.1983, 26.9348 Background



This preview shows how black text looks on a background with the HunterLab color 62.7540, -33.1983, 26.9348.



This preview shows how white text looks on a background with the HunterLab color 62.7540,

-33.1983, 26.9348.

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

62.7540, -33.1983, 26.9348

Protanopia

62.4387, -7.0782, 28.5168

Deuteranopia

62.2239, 4.3570, 25.6839



Tritanopia

62.7062, -12.4154, -7.0994

Trichromacy



Original Color

62.7540, -33.1983, 26.9348

Protanomaly

62.1063, -17.5803, 27.6263

Deuteranomaly

61.6548, -11.1088, 25.4571

Tritanomaly

62.5720, -21.4284, 8.3787

Monochromacy



Original Color

62.7540, -33.1983, 26.9348

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

58.8935, -15.1861, 12.9480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.7540, -33.1983, 26.9348 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(117, 185, 99)` looks like.

```
.text, #text, p{  
    color:rgb(117, 185, 99)  
}
```

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(117, 185, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 185, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 62.7540, -33.1983, 26.9348 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(117, 185, 99) }
```


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

```
.border{ border-color:rgb(117, 185, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 185, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 185, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 185, 99);  
box-shadow:4px 4px 4px 4px rgb(117, 185,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.7540, -33.1983, 26.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 185, 99) }
```

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

```
.background{ background-color: rgb(117,  
185, 99) }
```

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