

Converting Colors

HunterLab(51.0409, -33.6979,
24.3301)

Have a look what the booklet for
HunterLab(51.0409, -33.6979,
24.3301) contains.

HunterLab(50.9510, -33.5351, 24.2570)	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(50.9510,
-33.5351, 24.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	499D45
RGB	73, 157, 69
RGB Percent	29%, 62%, 27%
CMY	0.7137, 0.3843, 0.7294
CMYK	0.54, 0.00, 0.56, 0.38
HSL	117°, 39%, 44%
HSV	117°, 56%, 62%
XYZ	15.8788, 25.9600, 9.8041
YIQ	121.8520, -21.8160, -45.1760

Conversions

Conversions Part 2

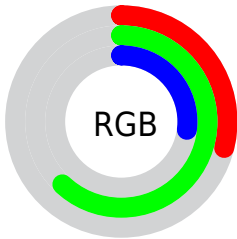
Format	Color
RYB	69, 157, 153
Decimal	4824389
CIELab	58.00, -43.58, 37.94
CIELCh	58, 57.786, 138.959
Yxy	25.9611, 0.3075, 0.5027
Android (android.graphics.Color)	4283014469 (0xFF499D45)
YUV	121.8520, -26.0560, -42.8432
Hunter-Lab	50.9510, -33.5351, 24.2570

Details

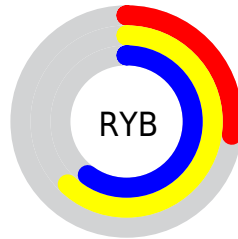
The HunterLab color **50.9510, -33.5351, 24.2570** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **36.6930, 39.6589, -28.2404**, and the grayscale version is **44.1630, -2.3564, 2.3995**.

A 20% lighter version of the original color is **72.8232, -39.6022, 29.7129**, and **31.8695, -26.7493, 18.0233** is the 20% darker color. If you saturate the color by 10%, you get **50.2740, -36.6643, 26.3214**, and if you desaturate by 10%, it is **51.8075, -29.6489, 21.6396**.

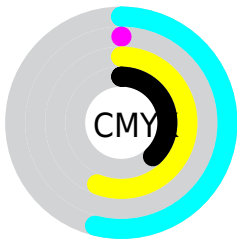
Distribution



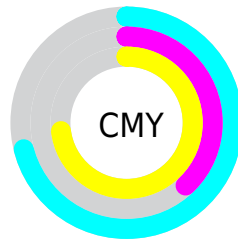
- Red (29%)
- Green (62%)
- Blue (27%)



- Red (27%)
- Yellow (62%)
- Blue (60%)



- Cyan (54%)
- Magenta (0%)
- Yellow (56%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.9510, -33.5351, 24.2570 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 50.9510, -33.5351, 24.2570 by changing the saturation by 10% instead.

■ 50.9510, -33.5351,
24.2570

■ 50.9510, -33.5351,
24.2570

168.1045,
-58.5464, 47.2373

■ 40.9812, -30.2113,
21.2132

■ 72.9467, -39.6927,
29.9063

■ 31.7618, -26.6529,
17.9690

■ 84.8914, -42.5914,
32.5680

■ 23.3611, -22.7741,
14.5192

■ 97.4252, -45.4004,
35.1479

■ 15.8684, -18.4326,
11.1079

■ 110.5214,
-48.1354, 37.6606

■ 9.4110, -16.4692,
6.5877

■ 124.1569,
-50.8086, 40.1175

0.0000, NaN, NaN

0.0000, NaN, NaN

138.3112,

-53.4298, 42.5278

0.0000, NaN, NaN

152.9659,
-56.0069, 44.8990

0.0000, NaN, NaN

■ 50.9510, -33.5351,
24.2570

■ 50.9510, -33.5351,
24.2570

■ 50.2740, -36.6643,
26.3214

■ 51.8075, -29.6489,
21.6396

■ 49.7659, -39.0335,
27.8375

■ 52.8440, -25.0283,
18.4818

■ 49.4165, -40.6721,
28.8335

■ 54.0621, -19.7189,
14.8123

■ 49.2082, -41.6485,
29.3782

■ 55.4598, -13.7791,
10.6707

■ 49.1538, -41.9087,
29.5547

■ 57.0327, -7.2763,
6.1036

■ 58.7750, -0.2812,
1.1612

■ 60.6795, 7.1358,
-4.1064

■ 62.7384, 14.9080,
-9.6507

■ 64.9433, 22.9743,
-15.4272

Harmonies

Analogous

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



50.9521, -17.1046, 29.5218



50.9510, -33.5351, 24.2570



50.9521, -41.1209, 10.6120

Triad

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



50.9521, -33.5359, 24.2573



50.9521, -11.4108, -63.4819



50.9521, 49.7607, 15.2619

Complementary

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



50.9510, -33.5351, 24.2570



36.6930, 39.6589, -28.2404

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.



50.9521, 52.0771, -6.5500



50.9510, -33.5351, 24.2570



50.9521, 13.4587, -60.1864

Square

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



50.9521, -33.5359, 24.2573



50.9521, -30.0463, -43.7624



50.9521, 37.7773, -36.1645



50.9521, 31.9427, 26.2787

Rectangle

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



50.9510, -33.5351, 24.2570



50.9521, -41.3211, -4.6887



50.9521, 37.7773, -36.1645



50.9521, 52.4889, 9.2539

Sweetspot

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



50.9521, -33.5359, 24.2573



73.9652, -19.4985, 15.0206



55.0007, -10.8781, 27.6310



34.5303, -9.8465, 7.5351



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



50.9521, -33.5359, 24.2573



67.1059, -49.8626, 35.7411



51.4547, -30.2012, 14.6352



27.2300, -4.5368, 3.6665



44.3021, -37.7462, 26.6380



5.9554, -4.9132, 3.5837

Inverse Universe

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



36.6930, 39.6589, -28.2404



45.1546, 63.9182, -46.0668



35.6634, 34.0284, -5.6145



25.9600, 1.8379, -0.8875



26.9027, 53.4206, -39.5836



3.6554, 7.2271, -5.1344

Previews

White Background



This preview shows how the HunterLab color 50.9510, -33.5351, 24.2570 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50.9510, -33.5351, 24.2570 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.9510, -33.5351, 24.2570 Background



This preview shows how black text looks on a background with the HunterLab color 50.9510, -33.5351, 24.2570.



This preview shows how white text looks on a background with the HunterLab color 50.9510, -33.5351, 24.2570.

-33.5351, 24.2570.

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

50.9510, -33.5351, 24.2570

Protanopia

50.6894, -6.1065, 25.6271

Deuteranopia

50.4573, 3.3884, 23.1164



Tritanopia

51.0002, -14.4831, -6.9600

Trichromacy



Original Color

50.9510, -33.5351, 24.2570

Protanomaly

50.2985, -18.1446, 24.7810

Deuteranomaly

49.5975, -12.8044, 22.8024

Tritanomaly

50.6142, -22.7310, 7.6683

Monochromacy



Original Color

50.9510, -33.5351, 24.2570

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

46.0980, -15.5372, 11.6293

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.9510, -33.5351, 24.2570 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(73, 157, 69)` looks like.

```
.text, #text, p{  
    color:rgb(73, 157, 69)  
}
```

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(73, 157, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 157, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 50.9510, -33.5351, 24.2570 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(73, 157, 69) }
```


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

```
.border{ border-color:rgb(73, 157, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 157, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 157, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 157, 69);  
box-shadow:4px 4px 4px 4px rgb(73, 157,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.9510, -33.5351, 24.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 157, 69) }
```

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

```
.background{ background-color: rgb(73, 157,  
69) }
```

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