

Converting Colors

HunterLab(51.0506, -53.8958,
21.1138)

Have a look what the booklet for
HunterLab(51.0506, -53.8958,
21.1138) contains.

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Color

**HunterLab(53.8521,
-42.0380, 23.4375)**

Conversions

Conversions Part 1

Format	Color
Hex	00A953
RGB	0, 169, 83
RGB Percent	0%, 66%, 33%
CMY	1.0000, 0.3372, 0.6745
CMYK	1.00, 0.00, 0.51, 0.34
HSL	149°, 100%, 33%
HSV	149°, 100%, 66%
XYZ	15.7493, 29.0005, 12.9512
YIQ	108.6650, -73.1180, -62.5740

Conversions

Conversions Part 2

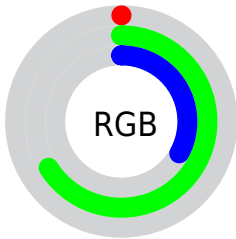
Format	Color
RYB	0, 113, 169
Decimal	43347
CIELab	60.78, -56.33, 34.02
CIELCh	61, 65.808, 148.867
Yxy	29.0017, 0.2729, 0.5026
Android (android.graphics.Color)	4278233427 (0xFF00A953)
YUV	108.6650, -12.6528, -95.2992
Hunter-Lab	53.8521, -42.0380, 23.4375

Details

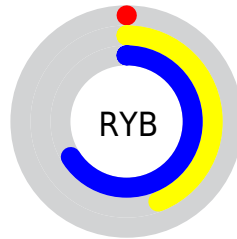
The HunterLab color **53.8521, -42.0380, 23.4375** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **30.1786, 53.9073, 2.2400**, and the grayscale version is **39.0462, -2.0834, 2.1215**.

A 20% lighter version of the original color is **76.0236, -49.5886, 28.3874**, and **35.1892, -28.9437, 18.4976** is the 20% darker color. If you saturate the color by 10%, you get **53.8531, -42.0390, 23.4384**, and if you desaturate by 10%, it is **54.0936, -40.7693, 21.6201**.

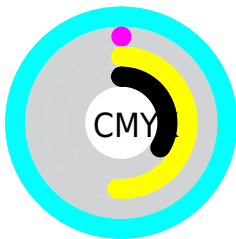
Distribution



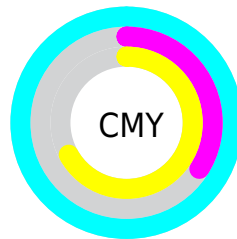
- Red (0%)
- Green (66%)
- Blue (33%)



- Red (0%)
- Yellow (44%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8521, -42.0380, 23.4375 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 53.8521, -42.0380, 23.4375 by changing the saturation by 10% instead.

■ 53.8521, -42.0380,
23.4375

■ 53.8521, -42.0380,
23.4375

172.4015,
-72.7177, 44.4006

■ 43.6830, -37.8827,
20.7174

■ 76.2101, -49.6929,
28.5239

■ 34.2485, -33.4230,
17.8327

■ 88.3216, -53.2748,
30.9369

■ 25.6122, -28.5580,
14.7327

■ 101.0143,
-56.7314, 33.2853

■ 17.8561, -23.1333,
12.0794

■ 114.2628,
-60.0830, 35.5811

■ 11.0944, -19.4152,
7.7661

■ 128.0447,
-63.3457, 37.8337

■ 2.9444, -5.1527,
2.0611

■ 142.3400,

0.0000, NaN, NaN

-66.5324, 40.0506

0.0000, NaN, NaN

157.1310,
-69.6535, 42.2379

0.0000, NaN, NaN

■ 53.8521, -42.0380,
23.4375

■ 53.8521, -42.0380,
23.4375

■ 53.8531, -42.0390,
23.4384

■ 54.0936, -40.7693,
21.6201

■ 54.4407, -39.0335,
19.6760

■ 54.9301, -36.6967,
17.6487

■ 55.5750, -33.7259,
15.5669

■ 56.3843, -30.1130,
13.4592

■ 57.3633, -25.8704,
11.3532

■ 58.5146, -21.0276,
9.2748

■ 59.8380, -15.6266,
7.2474

■ 61.3313, -9.7184,
5.2909

Harmonies

Analogous

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



53.8532, -26.7437, 31.4377



53.8521, -42.0380, 23.4375



53.8532, -47.2524, 3.9463

Triad

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



53.8532, -42.0386, 23.4378



53.8532, -3.9496, -78.9348



53.8532, 53.6466, 22.4352

Complementary

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



53.8521, -42.0380, 23.4375



30.1786, 53.9073, 2.2400

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.



53.8532, 63.1653, 1.8963



53.8521, -42.0380, 23.4375



53.8532, 26.0428, -65.1058

Square

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



53.8532, -42.0386, 23.4378



53.8532, -28.2574, -63.0087



53.8532, 52.1662, -31.3537



53.8532, 28.2984, 31.1052

Rectangle

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



53.8521, -42.0380, 23.4375



53.8532, -45.3545, -16.6739



53.8532, 52.1662, -31.3537



53.8532, 59.0094, 17.1465

Sweetspot

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



53.8532, -42.0386, 23.4378



78.2172, -28.5096, 12.5607



55.1532, -37.7798, 33.3236



36.2158, -14.5650, 6.3849



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



53.8532, -42.0386, 23.4378



72.0389, -56.4394, 31.7940



55.8006, -30.1909, -4.5721



29.0979, -4.3941, 2.4410



46.5023, -36.2198, 20.0643



7.3246, -5.2107, 2.0934

Inverse Universe

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



30.1786, 53.9073, 2.2400



40.3331, 71.9500, 3.7501



29.0545, 49.7769, 18.6093



27.5747, 1.4881, 0.6918



26.0734, 46.6137, 1.6372



4.1917, 7.7213, -1.4990

Previews

White Background



This preview shows how the HunterLab color 53.8521, -42.0380, 23.4375 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 53.8521, -42.0380, 23.4375 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 53.8521, -42.0380, 23.4375 Background



This preview shows how black text looks on a background with the HunterLab color 53.8521, -42.0380, 23.4375.



This preview shows how white text looks on a background with the HunterLab color 53.8521, -42.0380, 23.4375.

-42.0380, 23.4375.

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

53.8521, -42.0380, 23.4375

Protanopia

53.5190, -6.1182, 25.4967

Deuteranopia

53.3392, 3.7903, 21.9320



Tritanopia

53.7575, -20.9439, -10.2881

Trichromacy



Original Color

53.8521, -42.0380, 23.4375



Protanomaly

51.4646, -26.2089, 22.9497



Deuteranomaly

50.9529, -21.3805, 20.2795



Tritanomaly

53.4409, -30.9097, 4.8624

Monochromacy



Original Color

53.8521, -42.0380, 23.4375



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.9161, -21.5699, 9.4105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.8521, -42.0380, 23.4375 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(0, 169, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 83)  
}
```

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(0, 169, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 53.8521, -42.0380, 23.4375 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(0, 169, 83) }
```


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

```
.border{ border-color:rgb(0, 169, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 169, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.8521, -42.0380, 23.4375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 83) }
```

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

```
.background{ background-color: rgb(0, 169,  
83) }
```

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](#).

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