

Converting Colors

HunterLab(48.1023, -38.6066,
23.2168)

Have a look what the booklet for
HunterLab(48.1023, -38.6066,
23.2168) contains.

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Color

**HunterLab(48.1055,
-38.5871, 23.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	00993F
RGB	0, 153, 63
RGB Percent	0%, 60%, 25%
CMY	1.0000, 0.4000, 0.7529
CMYK	1.00, 0.00, 0.59, 0.40
HSL	145°, 100%, 30%
HSV	145°, 100%, 60%
XYZ	12.2885, 23.1414, 8.5217
YIQ	96.9930, -62.2980, -60.4260

Conversions

Conversions Part 2

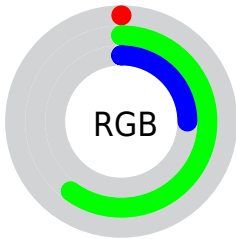
Format	Color
RYB	0, 108, 153
Decimal	39231
CIELab	55.22, -54.15, 37.24
CIELCh	55, 65.716, 145.482
Yxy	23.1423, 0.2796, 0.5265
Android (android.graphics.Color)	4278229311 (0xFF00993F)
YUV	96.9930, -16.7585, -85.0629
Hunter-Lab	48.1055, -38.5871, 23.1708

Details

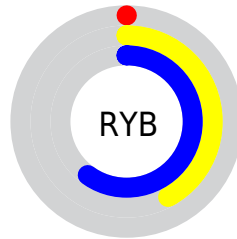
The HunterLab color **48.1055, -38.5871, 23.1708** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **27.4061, 49.6266, -3.1718**, and the grayscale version is **34.6503, -1.8489, 1.8826**.

A 20% lighter version of the original color is **69.8709, -46.3695, 28.9854**, and **30.2339, -25.6121, 17.4995** is the 20% darker color. If you saturate the color by 10%, you get **48.1064, -38.5879, 23.1714**, and if you desaturate by 10%, it is **48.3275, -37.4305, 21.6016**.

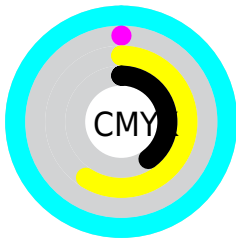
Distribution



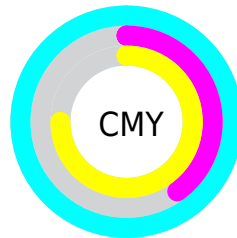
- Red (0%)
- Green (60%)
- Blue (25%)



- Red (0%)
- Yellow (42%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1055, -38.5871, 23.1708 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 48.1055, -38.5871, 23.1708 by changing the saturation by 10% instead.

■ 48.1055, -38.5871,
23.1708

■ 48.1055, -38.5871,
23.1708

163.8460,
-68.7989, 45.9894

■ 38.3388, -34.4347,
20.1280

■ 69.7330, -46.1800,
28.7993

■ 29.3397, -29.9440,
16.8745

■ 81.5087, -49.7149,
31.4449

■ 21.1813, -24.9912,
13.6055

■ 93.8814, -53.1184,
34.0065

■ 13.9616, -20.8587,
9.7731

■ 106.8236,
-56.4128, 36.4994

■ 7.6009, -13.3016,
5.3206

■ 120.3113,
-59.6155, 38.9354

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.3232,

-62.7403, 41.3242

0.0000, NaN, NaN

148.8405,
-65.7984, 43.6734

0.0000, NaN, NaN

■ 48.1055, -38.5871,
23.1708

■ 48.1055, -38.5871,
23.1708

■ 48.1064, -38.5879,
23.1714

■ 48.3275, -37.4305,
21.6016

■ 48.6444, -35.8454,
19.8579

■ 49.0920, -33.6986,
17.9771

■ 49.6819, -30.9626,
15.9833

■ 50.4217, -27.6325,
13.9019

■ 51.3159, -23.7222,
11.7589

■ 52.3663, -19.2608,
9.5804

■ 53.5725, -14.2888,
7.3910

■ 54.9322, -8.8545,
5.2130

Harmonies

Analogous

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



48.1065, -23.1069, 29.3860



48.1055, -38.5871, 23.1708



48.1065, -44.4647, 6.3833

Triad

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



48.1065, -38.5877, 23.1710



48.1065, -6.6294, -78.3247



48.1065, 54.4809, 19.5102

Complementary

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



48.1055, -38.5871, 23.1708



27.4061, 49.6266, -3.1718

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.



48.1065, 61.6285, -1.4773



48.1055, -38.5871, 23.1708



48.1065, 22.1219, -67.6413

Square

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



48.1065, -38.5877, 23.1710



48.1065, -28.8145, -59.2444



48.1065, 48.6843, -35.0720



48.1065, 30.8821, 28.2487

Rectangle

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



48.1055, -38.5871, 23.1708



48.1065, -43.3790, -12.6831



48.1065, 48.6843, -35.0720



48.1065, 59.0830, 14.1175

Sweetspot

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



48.1065, -38.5877, 23.1710



69.9877, -26.1503, 12.9950



50.0486, -31.2847, 30.2919



32.6237, -13.4002, 6.6352



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.1065, -38.5877, 23.1710



64.3494, -51.8084, 31.4083



49.6083, -29.3956, 1.4509



26.3925, -4.0359, 2.4195



43.7404, -35.0349, 20.9585



5.4130, -3.8828, 1.6162

Inverse Universe

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



27.4061, 49.6266, -3.1718



36.6235, 66.2257, -3.5193



26.0922, 44.8184, 15.8096



25.0611, 1.3967, 0.4100



24.9280, 45.1644, -3.0736



3.1641, 5.9380, -1.9821

Previews

White Background



This preview shows how the HunterLab color 48.1055, -38.5871, 23.1708 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 48.1055, -38.5871, 23.1708 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 48.1055, -38.5871, 23.1708 Background



This preview shows how black text looks on a background with the HunterLab color 48.1055, -38.5871, 23.1708.



This preview shows how white text looks on a background with the HunterLab color 48.1055,

-38.5871, 23.1708.

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

48.1055, -38.5871, 23.1708

Protanopia

47.8529, -6.0836, 24.7447

Deuteranopia

47.6437, 3.4271, 21.9994



Tritanopia

48.2754, -18.6137, -8.6645

Trichromacy



Original Color

48.1055, -38.5871, 23.1708



Protanomaly

46.2592, -24.3013, 22.7760



Deuteranomaly

45.3543, -19.5993, 20.4547



Tritanomaly

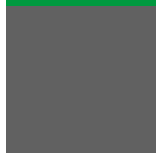
47.6486, -28.0044, 5.9598

Monochromacy



Original Color

48.1055, -38.5871, 23.1708



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

37.9507, -19.4375, 9.6180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1055, -38.5871, 23.1708 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, 153, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 63)  
}
```

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, 153, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1055, -38.5871, 23.1708 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, 153, 63) }
```


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

```
.border{ border-color:rgb(0, 153, 63) }
```

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

Here you see how a box with a 4 pixel rgb(0, 153, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 63);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.1055, -38.5871, 23.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 63) }
```

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

```
.background{ background-color: rgb(0, 153,  
63) }
```

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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