

Converting Colors

HunterLab(48.0967, -38.6413,
23.2980)

Have a look what the booklet for
HunterLab(48.0967, -38.6413,
23.2980) contains.

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Color

**HunterLab(48.0939,
-38.6588, 23.3401)**

Conversions

Conversions Part 1

Format	Color
Hex	00993E
RGB	0, 153, 62
RGB Percent	0%, 60%, 24%
CMY	1.0000, 0.4000, 0.7569
CMYK	1.00, 0.00, 0.59, 0.40
HSL	144°, 100%, 30%
HSV	144°, 100%, 60%
XYZ	12.2607, 23.1302, 8.3758
YIQ	96.8790, -61.9770, -60.7370

Conversions

Conversions Part 2

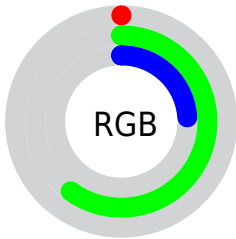
Format	Color
RYB	0, 109, 153
Decimal	39230
CIELab	55.21, -54.29, 37.71
CIELCh	55, 66.100, 145.214
Yxy	23.1312, 0.2801, 0.5285
Android (android.graphics.Color)	4278229310 (0xFF00993E)
YUV	96.8790, -17.1953, -84.9629
Hunter-Lab	48.0939, -38.6588, 23.3401

Details

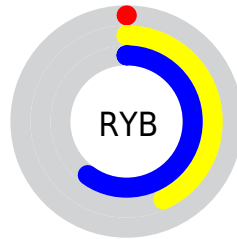
The HunterLab color **48.0939, -38.6588, 23.3401** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **27.4373, 49.7395, -3.6125**, and the grayscale version is **34.6091, -1.8467, 1.8804**.

A 20% lighter version of the original color is **69.8549, -46.4672, 29.2199**, and **30.2262, -25.6602, 17.6128** is the 20% darker color. If you saturate the color by 10%, you get **48.0948, -38.6597, 23.3407**, and if you desaturate by 10%, it is **48.3153, -37.5052, 21.7786**.

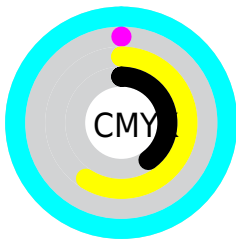
Distribution



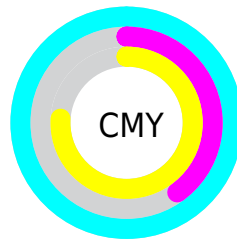
- Red (0%)
- Green (60%)
- Blue (24%)



- Red (0%)
- Yellow (43%)
- Blue (60%)



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



- Cyan (100%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0939, -38.6588, 23.3401 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 48.0939, -38.6588, 23.3401 by changing the saturation by 10% instead.

■ 48.0939, -38.6588,
23.3401

■ 48.0939, -38.6588,
23.3401

163.8286,
-68.9394, 46.3897

■ 38.3281, -34.4956,
20.2623

■ 69.7199, -46.2705,
29.0311

■ 29.3298, -29.9929,
16.9711

■ 81.4948, -49.8138,
31.7049

■ 21.1725, -25.0265,
13.6950

■ 93.8669, -53.2252,
34.2930

■ 13.9539, -20.9028,
9.7677

■ 106.8085,
-56.5270, 36.8109

■ 7.5926, -13.2870,
5.3148

■ 120.2955,
-59.7368, 39.2707

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.3069,

-62.8683, 41.6821

0.0000, NaN, NaN

148.8236,
-65.9328, 44.0530

0.0000, NaN, NaN

■ 48.0939, -38.6588,
23.3401

■ 48.0939, -38.6588,
23.3401

■ 48.0948, -38.6597,
23.3407

■ 48.3153, -37.5052,
21.7786

■ 48.6320, -35.9209,
20.0373

■ 49.0799, -33.7724,
18.1534

■ 49.6703, -31.0322,
16.1506

■ 50.4111, -27.6953,
14.0544

■ 51.3066, -23.7760,
11.8911

■ 52.3588, -19.3035,
9.6868

■ 53.5671, -14.3187,
7.4664

■ 54.9293, -8.8699,
5.2528

Harmonies

Analogous

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



48.0949, -23.0297, 29.4772



48.0939, -38.6588, 23.3401



48.0949, -44.6355, 6.6168

Triad

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



48.0949, -38.6594, 23.3403



48.0949, -6.8885, -78.9646



48.0949, 55.0232, 19.4565

Complementary

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



48.0939, -38.6588, 23.3401



27.4373, 49.7395, -3.6125

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.



48.0949, 62.0468, -1.7568



48.0939, -38.6588, 23.3401



48.0949, 22.0129, -68.4423

Square

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



48.0949, -38.6594, 23.3403



48.0949, -29.1011, -59.4663



48.0949, 48.8380, -35.6808



48.0949, 31.3542, 28.2773

Rectangle

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



48.0939, -38.6588, 23.3401



48.0949, -43.6002, -12.4899



48.0949, 48.8380, -35.6808



48.0949, 59.6057, 14.0067

Sweetspot

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



48.0949, -38.6594, 23.3403



69.9776, -26.2085, 13.1396



50.0485, -31.2846, 30.2918



32.6186, -13.4303, 6.7097



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.



48.0949, -38.6594, 23.3403



64.3342, -51.9033, 31.6321



49.6082, -29.3955, 1.4509



26.3913, -4.0428, 2.4371



43.7299, -35.1004, 21.1131



5.4113, -3.8932, 1.6407

Inverse Universe

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



27.4373, 49.7395, -3.6125



36.6655, 66.3777, -4.1124



26.0922, 44.8183, 15.8095



25.0624, 1.4039, 0.3911



24.9564, 45.2669, -3.4732



3.1670, 5.9483, -2.0213

Previews

White Background



This preview shows how the HunterLab color 48.0939, -38.6588, 23.3401 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 48.0939, -38.6588, 23.3401 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 48.0939, -38.6588, 23.3401 Background



This preview shows how black text looks on a background with the HunterLab color 48.0939, -38.6588, 23.3401.



This preview shows how white text looks on a background with the HunterLab color 48.0939, -38.6588, 23.3401.

-38.6588, 23.3401.

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

48.0939, -38.6588, 23.3401

Protanopia

47.8529, -6.0836, 24.7447

Deuteranopia

47.6303, 3.3556, 22.1956



Tritanopia

48.2754, -18.6137, -8.6645

Trichromacy



Original Color

48.0939, -38.6588, 23.3401



Protanomaly

46.2480, -24.3674, 22.9394



Deuteranomaly

45.3409, -19.6775, 20.6505



Tritanomaly

47.6227, -28.1601, 6.3310

Monochromacy



Original Color

48.0939, -38.6588, 23.3401



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

37.9299, -19.5611, 9.9189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0939, -38.6588, 23.3401 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, 62)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 62)  
}
```

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, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0939, -38.6588, 23.3401 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, 62) }
```


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

```
.border{ border-color:rgb(0, 153, 62) }
```

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, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 62);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.0939, -38.6588, 23.3401 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, 62) }
```

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

```
.background{ background-color: rgb(0, 153,  
62) }
```

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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