

Converting Colors

HunterLab(48.0382, -54.5124,
22.5053)

Have a look what the booklet for
HunterLab(48.0382, -54.5124,
22.5053) contains.

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Color

**HunterLab(51.2077,
-41.2499, 25.0415)**

Conversions

Conversions Part 1

Format	Color
Hex	00A241
RGB	0, 162, 65
RGB Percent	0%, 64%, 25%
CMY	1.0000, 0.3647, 0.7451
CMYK	1.00, 0.00, 0.60, 0.36
HSL	144°, 100%, 32%
HSV	144°, 100%, 64%
XYZ	13.8744, 26.2223, 9.3311
YIQ	102.5040, -65.4150, -64.5110

Conversions

Conversions Part 2

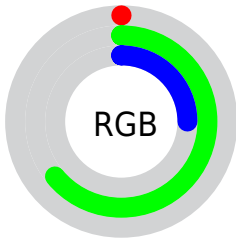
Format	Color
RYB	0, 116, 162
Decimal	41537
CIELab	58.25, -56.77, 39.84
CIELCh	58, 69.349, 144.940
Yxy	26.2234, 0.2807, 0.5305
Android (android.graphics.Color)	4278231617 (0xFF00A241)
YUV	102.5040, -18.4895, -89.8960
Hunter-Lab	51.2077, -41.2499, 25.0415

Details

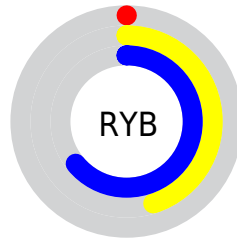
The HunterLab color **51.2077, -41.2499, 25.0415** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **29.2317, 53.0121, -3.9999**, and the grayscale version is **36.7276, -1.9597, 1.9955**.

A 20% lighter version of the original color is **73.1966, -48.9841, 30.8621**, and **33.1117, -28.1071, 19.2884** is the 20% darker color. If you saturate the color by 10%, you get **51.2087, -41.2507, 25.0421**, and if you desaturate by 10%, it is **51.4369, -40.0501, 23.3825**.

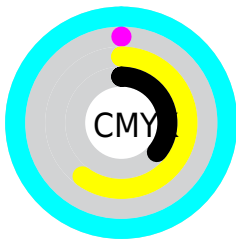
Distribution



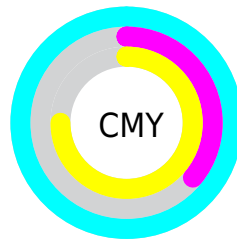
- Red (0%)
- Green (64%)
- Blue (25%)



- Red (0%)
- Yellow (45%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2077, -41.2499, 25.0415 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 51.2077, -41.2499, 25.0415 by changing the saturation by 10% instead.

■ 51.2077, -41.2499,
25.0415

■ 51.2077, -41.2499,
25.0415

168.4864,
-72.3932, 48.9186

■ 41.2199, -36.9936,
21.8657

■ 73.2360, -49.0587,
30.9298

■ 31.9811, -32.4078,
18.4803

■ 85.1957, -52.7013,
33.7003

■ 23.5592, -27.3791,
14.9311

■ 97.7436, -56.2111,
36.3830

■ 16.0426, -22.1284,
11.2298

■ 110.8535,
-59.6100, 38.9933

■ 9.5574, -16.7254,
6.6902

■ 124.5022,
-62.9152, 41.5431

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.6691,

-66.1404, 44.0422

0.0000, NaN, NaN

153.3360,
-69.2966, 46.4986

0.0000, NaN, NaN

■ 51.2077, -41.2499,
25.0415

■ 51.2077, -41.2499,
25.0415

■ 51.2087, -41.2507,
25.0421

■ 51.4369, -40.0501,
23.3825

■ 51.7703, -38.3786,
21.5279

■ 52.2445, -36.1007,
19.5154

■ 52.8718, -33.1855,
17.3705

■ 53.6608, -29.6272,
15.1205

■ 54.6164, -25.4406,
12.7938

■ 55.7406, -20.6573,
10.4190

■ 57.0330, -15.3213,
8.0232

■ 58.4909, -9.4852,
5.6314

Harmonies

Analogous

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



51.2087, -24.4409, 31.4919



51.2077, -41.2499, 25.0415



51.2087, -47.7239, 7.3028

Triad

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



51.2087, -41.2505, 25.0418



51.2087, -7.6214, -84.8024



51.2087, 59.1976, 20.6614

Complementary

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



51.2077, -41.2499, 25.0415



29.2317, 53.0121, -3.9999

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.



51.2087, 66.5399, -2.1807



51.2077, -41.2499, 25.0415



51.2087, 23.3228, -73.7765

Square

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



51.2087, -41.2505, 25.0418



51.2087, -31.3071, -63.5742



51.2087, 52.1804, -38.6742



51.2087, 33.9133, 30.1466

Rectangle

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



51.2077, -41.2499, 25.0415



51.2087, -46.6766, -13.0887



51.2087, 52.1804, -38.6742



51.2087, 64.0560, 14.7944

Sweetspot

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



51.2087, -41.2505, 25.0418



75.0094, -28.2232, 14.2228



53.2862, -33.3817, 32.2502



35.2493, -14.6378, 7.3515



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.2087, -41.2505, 25.0418



68.9687, -55.7522, 34.1482



52.8307, -31.3198, 1.5769



28.1779, -4.3485, 2.6246



45.4606, -36.5579, 22.0963



6.6593, -4.8689, 2.1871

Inverse Universe

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



29.2317, 53.0121, -3.9999



39.3324, 71.2357, -4.6443



27.7845, 47.7179, 16.8929



26.7466, 1.5341, 0.3943



25.9619, 47.1130, -3.7849



3.8808, 7.2500, -2.1754

Previews

White Background



This preview shows how the HunterLab color 51.2077, -41.2499, 25.0415 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 51.2077, -41.2499, 25.0415 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 51.2077, -41.2499, 25.0415 Background



This preview shows how black text looks on a background with the HunterLab color 51.2077, -41.2499, 25.0415.



This preview shows how white text looks on a background with the HunterLab color 51.2077,

-41.2499, 25.0415.

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

51.2077, -41.2499, 25.0415

Protanopia

50.7339, -6.0540, 26.4779

Deuteranopia

50.9058, 3.4322, 24.0865



Tritanopia

51.2121, -19.7597, -9.4512

Trichromacy



Original Color

51.2077, -41.2499, 25.0415



Protanomaly

48.8436, -25.4633, 24.2923



Deuteranomaly

48.6209, -21.2602, 22.5219



Tritanomaly

50.8005, -30.2240, 6.9390

Monochromacy



Original Color

51.2077, -41.2499, 25.0415



Achromatopsia

36.8284, -1.9651, 2.0010



Achromatomaly

40.3668, -20.8615, 10.6269

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2077, -41.2499, 25.0415 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, 162, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 65)  
}
```

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, 162, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2077, -41.2499, 25.0415 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, 162, 65) }
```


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

```
.border{ border-color:rgb(0, 162, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 65);  
box-shadow:4px 4px 4px 4px rgb(0, 162, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.2077, -41.2499, 25.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 65) }
```

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

```
.background{ background-color: rgb(0, 162,  
65) }
```

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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