

Converting Colors

HunterLab(42.0768, -38.0292,
22.0525)

Have a look what the booklet for
HunterLab(42.0768, -38.0292,
22.0525) contains.

HunterLab(42.8385, -35.2805, 22.6160)	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(42.8385,
-35.2805, 22.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	008A2B
RGB	0, 138, 43
RGB Percent	0%, 54%, 17%
CMY	1.0000, 0.4588, 0.8314
CMYK	1.00, 0.00, 0.69, 0.46
HSL	139°, 100%, 27%
HSV	139°, 100%, 54%
XYZ	9.5245, 18.3514, 5.3257
YIQ	85.9080, -51.7530, -58.8010

Conversions

Conversions Part 2

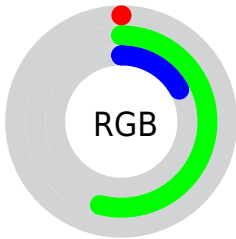
Format	Color
RYB	0, 105, 138
Decimal	35371
CIELab	49.92, -51.90, 40.51
CIELCh	50, 65.836, 142.023
Yxy	18.3521, 0.2869, 0.5527
Android (android.graphics.Color)	4278225451 (0xFF008A2B)
YUV	85.9080, -21.1536, -75.3413
Hunter-Lab	42.8385, -35.2805, 22.6160

Details

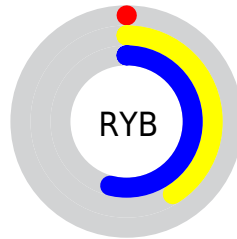
The HunterLab color **42.8385, -35.2805, 22.6160** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **24.9594, 46.0538, -9.5318**, and the grayscale version is **30.5613, -1.6307, 1.6605**.

A 20% lighter version of the original color is **63.8508, -42.9312, 28.9768**, and **25.7984, -22.1221, 15.5096** is the 20% darker color. If you saturate the color by 10%, you get **42.8394, -35.2811, 22.6163**, and if you desaturate by 10%, it is **43.0371, -34.2618, 21.3614**.

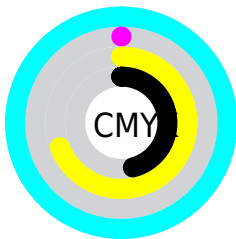
Distribution



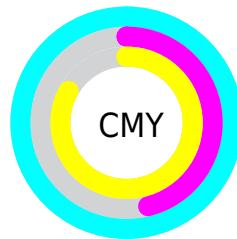
- Red (0%)
- Green (54%)
- Blue (17%)



- Red (0%)
- Yellow (41%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8385, -35.2805, 22.6160 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 42.8385, -35.2805, 22.6160 by changing the saturation by 10% instead.

■ 42.8385, -35.2805,
22.6160

■ 42.8385, -35.2805,
22.6160

155.8359,
-64.9623, 47.4545

■ 33.4710, -31.1362,
19.2177

■ 63.7467, -42.7966,
28.8409

■ 24.9070, -26.6152,
15.5917

■ 75.1934, -46.2768,
31.7410

■ 17.2316, -21.5655,
12.0621

■ 87.2535, -49.6198,
34.5350

■ 10.5627, -18.4848,
7.3939

■ 99.8971, -52.8498,
37.2418

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.0986,
-55.9858, 39.8764

0.0000, NaN, NaN

■ 126.8353,

0.0000, NaN, NaN

-59.0423, 42.4506

0.0000, NaN, NaN

141.0871,
-62.0313, 44.9741

■ 42.8385, -35.2805,
22.6160

■ 42.8385, -35.2805,
22.6160

■ 42.8394, -35.2811,
22.6163

■ 43.0371, -34.2618,
21.3614

■ 43.3207, -32.8495,
19.8808

■ 43.7251, -30.9073,
18.2035

■ 44.2603, -28.4115,
16.3467

■ 44.9330, -25.3597,
14.3313

■ 45.7470, -21.7663,
12.1811

■ 46.7036, -17.6603,
9.9215

■ 47.8023, -13.0808,
7.5783

■ 49.0405, -8.0741,
5.1764

Harmonies

Analogous

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



42.8394, -19.6341, 27.2425



42.8385, -35.2805, 22.6160



42.8394, -41.7179, 8.4795

Triad

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



42.8394, -35.2810, 22.6162



42.8394, -9.0761, -77.7854



42.8394, 55.3266, 16.7221

Complementary

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



42.8385, -35.2805, 22.6160



24.9594, 46.0538, -9.5318

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.



42.8394, 60.1025, -4.8880



42.8385, -35.2805, 22.6160



42.8394, 18.3498, -70.4271

Square

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



42.8394, -35.2810, 22.6162



42.8394, -29.1541, -55.4814



42.8394, 45.2517, -39.0345



42.8394, 33.4427, 25.5501

Rectangle

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



42.8385, -35.2805, 22.6160



42.8394, -41.3488, -8.9356



42.8394, 45.2517, -39.0345



42.8394, 59.1684, 11.1835

Sweetspot

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



42.8394, -35.2810, 22.6162



61.9180, -23.8159, 13.3684



45.4942, -24.7779, 27.5995



29.0975, -12.2455, 6.8528



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



42.8394, -35.2810, 22.6162



56.8524, -46.9812, 30.3583



43.9457, -28.4665, 6.5229



23.7323, -3.6849, 2.4002



41.0220, -33.7637, 21.6121



3.3793, -2.5298, 1.2373

Inverse Universe

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



24.9594, 46.0538, -9.5318



33.0927, 60.9842, -12.0424



23.4210, 40.4589, 12.4220



22.5896, 1.3100, 0.1267



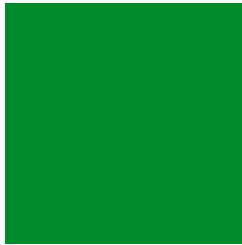
23.9045, 44.1171, -9.2044



2.0150, 3.8326, -1.6576

Previews

White Background



This preview shows how the HunterLab color 42.8385, -35.2805, 22.6160 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.8385, -35.2805, 22.6160 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 42.8385, -35.2805, 22.6160 Background



This preview shows how black text looks on a background with the HunterLab color 42.8385, -35.2805, 22.6160.



This preview shows how white text looks on a background with the HunterLab color 42.8385,

-35.2805, 22.6160.

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

42.8385, -35.2805, 22.6160

Protanopia

42.4292, -5.4916, 23.4861

Deuteranopia

42.4727, 3.1983, 21.6923



Tritanopia

42.9015, -16.2397, -7.6056

Trichromacy



Original Color

42.8385, -35.2805, 22.6160

Protanomaly

40.8721, -21.8579, 21.8904

Deuteranomaly

40.3437, -17.4731, 20.2834

Tritanomaly

42.2813, -25.5374, 7.2413

Monochromacy



Original Color

42.8385, -35.2805, 22.6160

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

33.7010, -18.0203, 10.2569

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8385, -35.2805, 22.6160 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, 138, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 43)  
}
```

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, 138, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8385, -35.2805, 22.6160 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, 138, 43) }
```


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

```
.border{ border-color:rgb(0, 138, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 43);  
box-shadow:4px 4px 4px 4px rgb(0, 138, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 42.8385, -35.2805, 22.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 43) }
```

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

```
.background{ background-color: rgb(0, 138,  
43) }
```

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