

Converting Colors

HunterLab(51.4729, -44.4693,
16.7810)

Have a look what the booklet for
HunterLab(51.4729, -44.4693,
16.7810) contains.

HunterLab(52.7730, -38.8967, 18.0052)	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(52.7730,
-38.8967, 18.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	00A565
RGB	0, 165, 101
RGB Percent	0%, 65%, 40%
CMY	1.0000, 0.3529, 0.6039
CMYK	1.00, 0.00, 0.39, 0.35
HSL	157°, 100%, 32%
HSV	157°, 100%, 65%
XYZ	15.8041, 27.8499, 16.8545
YIQ	108.3690, -77.7960, -54.8840

Conversions

Conversions Part 2

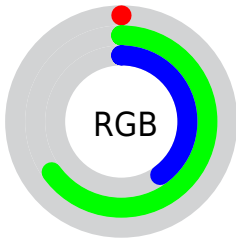
Format	Color
RYB	0, 102, 165
Decimal	42341
CIELab	59.75, -51.58, 23.22
CIELCh	60, 56.562, 155.760
Yxy	27.8510, 0.2612, 0.4603
Android (android.graphics.Color)	4278232421 (0xFF00A565)
YUV	108.3690, -3.6329, -95.0396
Hunter-Lab	52.7730, -38.8967, 18.0052

Details

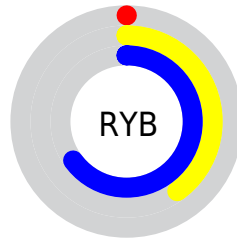
The HunterLab color **52.7730, -38.8967, 18.0052** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.9313, 50.8235, 8.7732**, and the grayscale version is **38.9018, -2.0757, 2.1136**.

A 20% lighter version of the original color is **74.9357, -46.0023, 21.8661**, and **34.4171, -26.8465, 14.9354** is the 20% darker color. If you saturate the color by 10%, you get **52.7739, -38.8979, 18.0066**, and if you desaturate by 10%, it is **53.0057, -37.6895, 16.3186**.

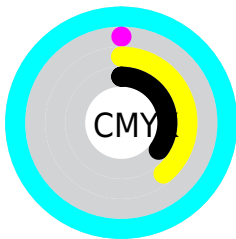
Distribution



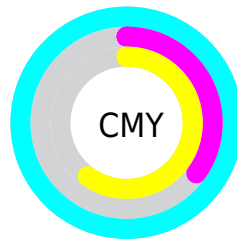
- Red (0%)
- Green (65%)
- Blue (40%)



- Red (0%)
- Yellow (40%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.7730, -38.8967, 18.0052 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 52.7730, -38.8967, 18.0052 by changing the saturation by 10% instead.

■ 52.7730, -38.8967,
18.0052

■ 52.7730, -38.8967,
18.0052

170.8082,
-67.4601, 34.0534

■ 42.6771, -35.0504,
16.0224

■ 74.9977, -45.9934,
21.7743

■ 33.3216, -30.9251,
13.9410

■ 87.0478, -49.3204,
23.5911

■ 24.7717, -26.4245,
11.7218

■ 99.6819, -52.5351,
25.3772

■ 17.1119, -21.3971,
9.3534

■ 112.8743,
-55.6564, 27.1397

■ 10.4611, -18.3069,
7.3228

■ 126.6023,
-58.6988, 28.8845

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.8456,

-61.6742, 30.6161

0.0000, NaN, NaN

155.5863,
-64.5920, 32.3381

0.0000, NaN, NaN

■ 52.7730, -38.8967,
18.0052

■ 52.7730, -38.8967,
18.0052

■ 52.7739, -38.8979,
18.0066

■ 53.0057, -37.6895,
16.3186

■ 53.3341, -36.0729,
14.6007

■ 53.7941, -33.9156,
12.8978

■ 54.3985, -31.1843,
11.2373

■ 55.1559, -27.8685,
9.6437

■ 56.0719, -23.9764,
8.1392

■ 57.1492, -19.5313,
6.7425

■ 58.3881, -14.5684,
5.4689

■ 59.7869, -9.1315,
4.3295

Harmonies

Analogous

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



52.7741, -27.3502, 27.6467



52.7730, -38.8967, 18.0052



52.7741, -41.5928, -1.7652

Triad

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



52.7741, -38.8972, 18.0056



52.7741, 1.9324, -62.8667



52.7741, 40.4950, 22.7450

Complementary

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



52.7730, -38.8967, 18.0052



28.9313, 50.8235, 8.7732

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.



52.7741, 51.9132, 7.1243



52.7730, -38.8967, 18.0052



52.7741, 27.2179, -47.1458

Square

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



52.7741, -38.8972, 18.0056



52.7741, -20.5957, -55.5220



52.7741, 46.6626, -18.7225



52.7741, 17.6755, 29.3929

Rectangle

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



52.7730, -38.8967, 18.0052



52.7741, -38.5266, -20.2111



52.7741, 46.6626, -18.7225



52.7741, 45.9646, 18.7156

Sweetspot

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



52.7741, -38.8972, 18.0056



76.3929, -26.4869, 9.1229



52.9810, -39.8113, 31.9493



35.4402, -13.5264, 4.6070



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.



52.7741, -38.8972, 18.0056



70.5947, -52.2328, 24.5184



49.0459, -22.2817, -13.2024



28.2214, -4.1061, 2.0031



45.9115, -33.7648, 15.5031



6.7213, -4.4892, 1.2900

Inverse Universe

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



28.9313, 50.8235, 8.7732



38.6680, 67.8388, 12.4391



28.9578, 46.1666, 18.6512



26.7008, 1.2880, 1.0465



25.1811, 44.2721, 7.3665



3.7727, 6.8630, -0.6799

Previews

White Background



This preview shows how the HunterLab color 52.7730, -38.8967, 18.0052 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 52.7730, -38.8967, 18.0052 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 52.7730, -38.8967, 18.0052 Background



This preview shows how black text looks on a background with the HunterLab color 52.7730, -38.8967, 18.0052.



This preview shows how white text looks on a background with the HunterLab color 52.7730,

-38.8967, 18.0052.

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

52.7730, -38.8967, 18.0052

Protanopia

52.4267, -5.0461, 20.7660

Deuteranopia

52.3334, 3.7888, 16.5550



Tritanopia

52.8640, -21.2109, -10.4498

Trichromacy



Original Color

52.7730, -38.8967, 18.0052



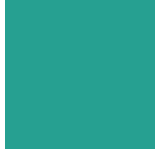
Protanomaly

50.6084, -24.0975, 18.0791



Deuteranomaly

50.0754, -19.3059, 14.6944



Tritanomaly

52.5338, -29.1393, 1.6278

Monochromacy



Original Color

52.7730, -38.8967, 18.0052



Achromatopsia

38.7246, -2.0663, 2.1040



Achromatomaly

42.4095, -20.1133, 7.0962

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.7730, -38.8967, 18.0052 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, 165, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 101)  
}
```

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, 165, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 52.7730, -38.8967, 18.0052 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, 165, 101) }
```


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

```
.border{ border-color:rgb(0, 165, 101) }
```

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

Here you see how a box with a 4 pixel rgb(0, 165, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.7730, -38.8967, 18.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 101) }
```

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

```
.background{ background-color: rgb(0, 165,  
101) }
```

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