

Converting Colors

HunterLab(47.5305, -35.9885,
18.2797)

Have a look what the booklet for
HunterLab(47.5305, -35.9885,
18.2797) contains.

HunterLab(47.3844, -35.8096, 18.0762)	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(47.3844,
-35.8096, 18.0762)**

Conversions

Conversions Part 1

Format	Color
Hex	009654
RGB	0, 150, 84
RGB Percent	0%, 59%, 33%
CMY	1.0000, 0.4118, 0.6706
CMYK	1.00, 0.00, 0.44, 0.41
HSL	154°, 100%, 29%
HSV	154°, 100%, 59%
XYZ	12.5066, 22.4528, 12.0622
YIQ	97.6260, -68.2140, -52.3260

Conversions

Conversions Part 2

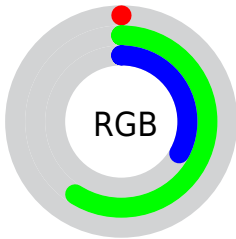
Format	Color
RYB	0, 96, 150
Decimal	38484
CIELab	54.51, -49.58, 25.50
CIELCh	55, 55.759, 152.780
Yxy	22.4537, 0.2660, 0.4775
Android (android.graphics.Color)	4278228564 (0xFF009654)
YUV	97.6260, -6.7176, -85.6180
Hunter-Lab	47.3844, -35.8096, 18.0762

Details

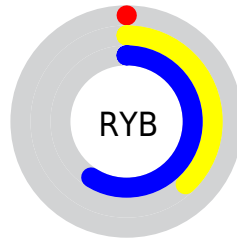
The HunterLab color **47.3844, -35.8096, 18.0762** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.2256, 46.4111, 5.3177**, and the grayscale version is **34.8524, -1.8596, 1.8936**.

A 20% lighter version of the original color is **68.7860, -42.8350, 22.1951**, and **29.7808, -23.9358, 14.4472** is the 20% darker color. If you saturate the color by 10%, you get **47.3853, -35.8105, 18.0771**, and if you desaturate by 10%, it is **47.6064, -34.6610, 16.5132**.

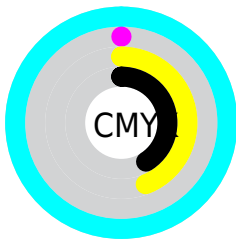
Distribution



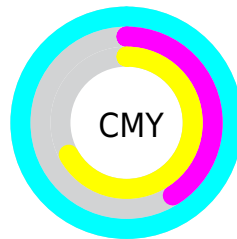
- Red (0%)
- Green (59%)
- Blue (33%)



- Red (0%)
- Yellow (38%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3844, -35.8096, 18.0762 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 47.3844, -35.8096, 18.0762 by changing the saturation by 10% instead.

47.3844, -35.8096,
18.0762

47.3844, -35.8096,
18.0762

162.7595,
-63.9116, 35.3155

37.6705, -31.9737,
15.8818

68.9164, -42.8378,
22.1951

28.7287, -27.8293,
13.5530

80.6483, -46.1173,
24.1611

20.6337, -23.2593,
11.0362

92.9794, -49.2796,
26.0835

13.4857, -19.4192,
9.4400

105.8818,
-52.3452, 27.9722

7.0622, -12.3588,
4.9435

119.3313,
-55.3299, 29.8344

0.0000, NaN, NaN

0.0000, NaN, NaN

133.3065,

-58.2461, 31.6761

0.0000, NaN, NaN

147.7883,
-61.1039, 33.5018

0.0000, NaN, NaN

■ 47.3844, -35.8096,
18.0762

■ 47.3844, -35.8096,
18.0762

■ 47.3853, -35.8105,
18.0771

■ 47.6064, -34.6610,
16.5132

■ 47.9130, -33.1454,
14.8874

■ 48.3395, -31.1324,
13.2423

■ 48.8969, -28.5949,
11.6021

■ 49.5925, -25.5258,
9.9899

■ 50.4310, -21.9346,
8.4269

■ 51.4145, -17.8442,
6.9319

■ 52.5431, -13.2880,
5.5211

■ 53.8151, -8.3065,
4.2073

Harmonies

Analogous

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



47.3854, -24.1878, 26.0766



47.3844, -35.8096, 18.0762



47.3854, -39.1245, 0.4920

Triad

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



47.3854, -35.8101, 18.0765



47.3854, -0.3656, -61.6703



47.3854, 40.7073, 20.1786

Complementary

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



47.3844, -35.8096, 18.0762



26.2256, 46.4111, 5.3177

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.



47.3854, 50.2624, 4.5758



47.3844, -35.8096, 18.0762



47.3854, 23.8858, -48.2149

Square

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



47.3854, -35.8101, 18.0765



47.3854, -21.1205, -52.1980



47.3854, 43.5888, -20.9974



47.3854, 19.4560, 26.8195

Rectangle

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



47.3844, -35.8096, 18.0762



47.3854, -36.8175, -16.7854



47.3854, 43.5888, -20.9974



47.3854, 45.5592, 16.1547

Sweetspot

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



47.3854, -35.8101, 18.0765



68.2171, -24.0458, 9.3238



47.9841, -34.6591, 28.9606



31.8715, -12.3200, 4.7397



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.3854, -35.8101, 18.0765



62.9194, -47.7465, 24.4273



46.5812, -23.0663, -8.4286



25.5334, -3.7354, 1.9443



43.1606, -32.5653, 16.3522



4.8367, -3.2236, 0.9133

Inverse Universe

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



26.2256, 46.4111, 5.3177



34.7896, 61.4760, 7.7688



25.7822, 42.5287, 16.6310



24.1976, 1.1804, 0.8109



23.8961, 42.3143, 4.6546



2.7506, 5.0680, -0.9945

Previews

White Background



This preview shows how the HunterLab color 47.3844, -35.8096, 18.0762 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 47.3844, -35.8096, 18.0762 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 47.3844, -35.8096, 18.0762 Background



This preview shows how black text looks on a background with the HunterLab color 47.3844, -35.8096, 18.0762.



This preview shows how white text looks on a background with the HunterLab color 47.3844, -35.8096, 18.0762.

-35.8096, 18.0762.

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

47.3844, -35.8096, 18.0762

Protanopia

47.1570, -5.1454, 20.3712

Deuteranopia

47.0341, 3.3488, 16.8474



Tritanopia

47.4551, -18.5878, -9.2800

Trichromacy



Original Color

47.3844, -35.8096, 18.0762



Protanomaly

45.4197, -22.2109, 17.9425



Deuteranomaly

44.8690, -17.6752, 15.1388



Tritanomaly

47.1284, -26.3609, 2.4504

Monochromacy



Original Color

47.3844, -35.8096, 18.0762



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

38.1275, -18.3910, 7.0680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3844, -35.8096, 18.0762 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, 150, 84)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 84)  
}
```

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, 150, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3844, -35.8096, 18.0762 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, 150, 84) }
```


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

```
.border{ border-color:rgb(0, 150, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 84);  
box-shadow:4px 4px 4px 4px rgb(0, 150, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.3844, -35.8096, 18.0762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 84) }
```

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

```
.background{ background-color: rgb(0, 150,  
84) }
```

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