

Converting Colors

HunterLab(47.2976, -37.4324,
21.6894)

Have a look what the booklet for
HunterLab(47.2976, -37.4324,
21.6894) contains.

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Color

**HunterLab(47.1488,
-37.2699, 21.5232)**

Conversions

Conversions Part 1

Format	Color
Hex	009644
RGB	0, 150, 68
RGB Percent	0%, 59%, 27%
CMY	1.0000, 0.4118, 0.7333
CMYK	1.00, 0.00, 0.55, 0.41
HSL	147°, 100%, 29%
HSV	147°, 100%, 59%
XYZ	11.9498, 22.2301, 9.1299
YIQ	95.8020, -63.0780, -57.3020

Conversions

Conversions Part 2

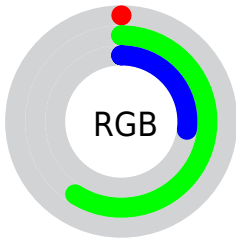
Format	Color
RYB	0, 103, 150
Decimal	38468
CIELab	54.27, -52.41, 33.62
CIELCh	54, 62.263, 147.321
Yxy	22.2310, 0.2759, 0.5133
Android (android.graphics.Color)	4278228548 (0xFF009644)
YUV	95.8020, -13.7064, -84.0184
Hunter-Lab	47.1488, -37.2699, 21.5232

Details

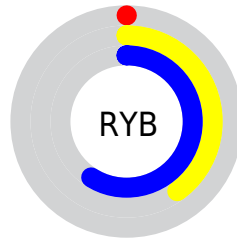
The HunterLab color $[47.1488, -37.2699, 21.5232]$ is a dark color, and the websafe version is hex 009933 . A complement of this color would be $[26.6340, 47.8979, -0.5224]$, and the grayscale version is $[34.1948, -1.8246, 1.8579]$.

A 20% lighter version of the original color is $[68.5194, -44.5197, 26.6111]$, and $[29.6410, -24.8088, 16.5065]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.1497, -37.2708, 21.5240]$, and if you desaturate by 10%, it is $[47.3707, -36.1153, 19.9530]$.

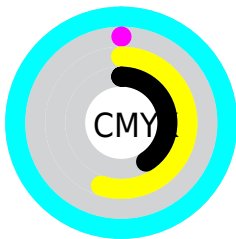
Distribution



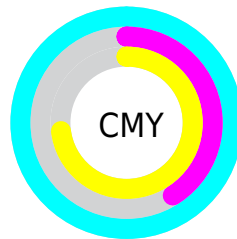
- Red (0%)
- Green (59%)
- Blue (27%)



- Red (0%)
- Yellow (40%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1488, -37.2699, 21.5232 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 47.1488, -37.2699, 21.5232 by changing the saturation by 10% instead.

■ 47.1488, -37.2699,
21.5232

■ 47.1488, -37.2699,
21.5232

162.4039,
-66.7445, 42.6380

■ 37.4523, -33.2189,
18.7312

■ 68.6495, -44.6739,
26.6977

■ 28.5294, -28.8342,
15.7459

■ 80.3670, -48.1208,
29.1367

■ 20.4553, -23.9906,
12.6510

■ 92.6844, -51.4401,
31.5030

■ 13.3309, -20.3522,
9.3316

■ 105.5737,
-54.6537, 33.8105

■ 6.8764, -12.0338,
4.8135

■ 119.0107,
-57.7786, 36.0700

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 132.9738,

-60.8285, 38.2900

0.0000, NaN, NaN

147.4439,
-63.8142, 40.4775

0.0000, NaN, NaN

■ 47.1488, -37.2699,
21.5232

■ 47.1488, -37.2699,
21.5232

■ 47.1497, -37.2708,
21.5240

■ 47.3707, -36.1153,
19.9530

■ 47.6824, -34.5596,
18.2440

■ 48.1196, -32.4707,
16.4358

■ 48.6931, -29.8223,
14.5523

■ 49.4104, -26.6093,
12.6184

■ 50.2760, -22.8443,
10.6585

■ 51.2916, -18.5542,
8.6962

■ 52.4571, -13.7769,
6.7534

■ 53.7701, -8.5573,
4.8492

Harmonies

Analogous

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



47.1498, -23.0910, 28.1200



47.1488, -37.2699, 21.5232



47.1498, -42.3692, 4.7073

Triad

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



47.1498, -37.2704, 21.5235



47.1498, -4.8017, -72.4891



47.1498, 49.8004, 19.4241

Complementary

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



47.1488, -37.2699, 21.5232



26.6340, 47.8979, -0.5224

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.



47.1498, 57.5688, 0.3203



47.1488, -37.2699, 21.5232



47.1498, 22.3267, -61.0575

Square

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



47.1498, -37.2704, 21.5235



47.1498, -26.3063, -56.4810



47.1498, 46.6022, -30.4508



47.1498, 27.1819, 27.4433

Rectangle

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



47.1488, -37.2699, 21.5232



47.1498, -40.9746, -13.6517



47.1498, 46.6022, -30.4508



47.1498, 54.4208, 14.5093

Sweetspot

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



47.1498, -37.2704, 21.5235



68.0512, -25.0055, 11.7068



48.6108, -32.0798, 29.3919



31.7855, -12.8206, 5.9766



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.



47.1498, -37.2704, 21.5235



62.6073, -49.6819, 28.9953



48.7665, -27.4092, -1.7849



25.5138, -3.8447, 2.2246



42.9458, -33.8961, 19.4935



4.8120, -3.3746, 1.2701

Inverse Universe

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



26.6340, 47.8979, -0.5224



35.3304, 63.4465, 0.0230



25.4968, 43.7273, 15.9753



24.2183, 1.2914, 0.5170



24.2683, 43.6692, -0.6661



2.7936, 5.2215, -1.5856

Previews

White Background



This preview shows how the HunterLab color 47.1488, -37.2699, 21.5232 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 47.1488, -37.2699, 21.5232 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 47.1488, -37.2699, 21.5232 Background



This preview shows how black text looks on a background with the HunterLab color 47.1488, -37.2699, 21.5232.



This preview shows how white text looks on a background with the HunterLab color 47.1488,

-37.2699, 21.5232.

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

47.1488, -37.2699, 21.5232

Protanopia

46.7729, -5.4492, 23.1295

Deuteranopia

46.7354, 3.2230, 20.4098



Tritanopia

47.1663, -18.2198, -8.5968

Trichromacy



Original Color

47.1488, -37.2699, 21.5232

Protanomaly

45.2611, -23.2624, 21.1285

Deuteranomaly

44.6680, -18.9749, 19.0542

Tritanomaly

46.6252, -27.1397, 5.2524

Monochromacy



Original Color

47.1488, -37.2699, 21.5232

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

37.6228, -19.1090, 8.9740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1488, -37.2699, 21.5232 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, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 68)  
}
```

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, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1488, -37.2699, 21.5232 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, 68) }
```


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

```
.border{ border-color:rgb(0, 150, 68) }
```

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, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 68);  
box-shadow:4px 4px 4px 4px rgb(0, 150, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.1488, -37.2699, 21.5232 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, 68) }
```

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

```
.background{ background-color: rgb(0, 150,  
68) }
```

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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