

Converting Colors

HunterLab(47.7771, -37.1010,
20.3731)

Have a look what the booklet for
HunterLab(47.7771, -37.1010,
20.3731) contains.

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Color

**HunterLab(47.9357,
-37.2187, 20.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	00984C
RGB	0, 152, 76
RGB Percent	0%, 60%, 30%
CMY	1.0000, 0.4039, 0.7020
CMYK	1.00, 0.00, 0.50, 0.40
HSL	150°, 100%, 30%
HSV	150°, 100%, 60%
XYZ	12.5328, 22.9783, 10.6122
YIQ	97.8880, -66.1960, -55.8600

Conversions

Conversions Part 2

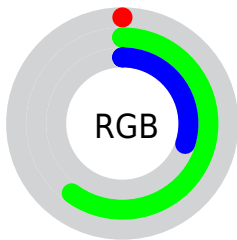
Format	Color
RYB	0, 101, 152
Decimal	38988
CIELab	55.05, -51.76, 30.46
CIELCh	55, 60.056, 149.524
Yxy	22.9792, 0.2717, 0.4982
Android (android.graphics.Color)	4278229068 (0xFF00984C)
YUV	97.8880, -10.7908, -85.8478
Hunter-Lab	47.9357, -37.2187, 20.4291

Details

The HunterLab color **47.9357, -37.2187, 20.4291** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **26.8285, 47.8886, 2.2567**, and the grayscale version is **34.9648, -1.8656, 1.8997**.

A 20% lighter version of the original color is **69.3617, -44.3939, 25.0907**, and **30.0206, -24.6878, 15.7707** is the 20% darker color. If you saturate the color by 10%, you get **47.9366, -37.2197, 20.4300**, and if you desaturate by 10%, it is **48.1607, -36.0478, 18.8198**.

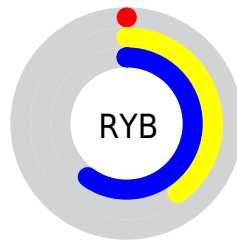
Distribution



Red (0%)

Green (60%)

Blue (30%)



Red (0%)

Yellow (40%)

Blue (60%)

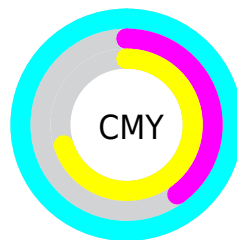


Cyan (100%)

Magenta (0%)

Yellow (50%)

Black (40%)



Cyan (100%)

Magenta (40%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9357, -37.2187, 20.4291 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 47.9357, -37.2187, 20.4291 by changing the saturation by 10% instead.

■ 47.9357, -37.2187,
20.4291

■ 47.9357, -37.2187,
20.4291

163.5905,
-66.3057, 39.9861

■ 38.1814, -33.2376,
17.8816

■ 69.5408, -44.5082,
25.1748

■ 29.1957, -28.9355,
15.1662

■ 81.3062, -47.9065,
27.4228

■ 21.0522, -24.1933,
12.2297

■ 93.6691, -51.1815,
29.6106

■ 13.8492, -20.1094,
9.6945

■ 106.6020,
-54.3541, 31.7501

■ 7.4778, -13.0861,
5.2344

■ 120.0807,
-57.4410, 33.8507

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.0840,

-60.4552, 35.9199

0.0000, NaN, NaN

148.5930,
-63.4072, 37.9634

0.0000, NaN, NaN

■ 47.9357, -37.2187,
20.4291

■ 47.9357, -37.2187,
20.4291

■ 47.9366, -37.2197,
20.4300

■ 48.1607, -36.0478,
18.8198

■ 48.4751, -34.4828,
17.1046

■ 48.9144, -32.3926,
15.3251

■ 49.4898, -29.7499,
13.5065

■ 50.2087, -26.5485,
11.6732

■ 51.0759, -22.7999,
9.8490

■ 52.0932, -18.5297,
8.0557

■ 53.2607, -13.7743,
6.3132

■ 54.5762, -8.5776,
4.6381

Harmonies

Analogous

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



47.9367, -23.9328, 27.7212



47.9357, -37.2187, 20.4291



47.9367, -41.6358, 2.9862

Triad

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



47.9367, -37.2192, 20.4294



47.9367, -2.9575, -68.8613



47.9367, 46.5810, 20.0558

Complementary

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



47.9357, -37.2187, 20.4291



26.8285, 47.8886, 2.2567

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.



47.9367, 55.2789, 2.2293



47.9357, -37.2187, 20.4291



47.9367, 23.3689, -56.2925

Square

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



47.9367, -37.2192, 20.4294



47.9367, -24.4934, -55.5245



47.9367, 46.0366, -26.6903



47.9367, 24.1998, 27.5959

Rectangle

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



47.9357, -37.2187, 20.4291



47.9367, -39.8340, -15.2295



47.9367, 46.0366, -26.6903



47.9367, 51.3826, 15.4640

Sweetspot

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



47.9367, -37.2192, 20.4294



69.1232, -24.9693, 10.8408



49.0916, -33.4971, 29.6634



32.6952, -12.9836, 5.6063



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



47.9367, -37.2192, 20.4294



63.6577, -49.6228, 27.5547



49.6411, -26.8536, -4.0773



26.4093, -3.9424, 2.1796



43.9011, -34.0367, 18.6028



5.4357, -3.7436, 1.2872

Inverse Universe

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



26.8285, 47.8886, 2.2567



35.5921, 63.4395, 3.7198



25.8483, 44.2862, 16.5357



25.0432, 1.3007, 0.6644



24.5784, 43.8969, 1.8852



3.1249, 5.7985, -1.4464

Previews

White Background



This preview shows how the HunterLab color 47.9357, -37.2187, 20.4291 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 47.9357, -37.2187, 20.4291 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 47.9357, -37.2187, 20.4291 Background



This preview shows how black text looks on a background with the HunterLab color 47.9357, -37.2187, 20.4291.



This preview shows how white text looks on a background with the HunterLab color 47.9357, -37.2187, 20.4291.

-37.2187, 20.4291.

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

47.9357, -37.2187, 20.4291

Protanopia

47.6256, -5.1337, 22.2477

Deuteranopia

47.4983, 3.2958, 19.1107



Tritanopia

47.8655, -18.5640, -9.2424

Trichromacy



Original Color

47.9357, -37.2187, 20.4291

Protanomaly

46.0526, -23.1654, 20.0787

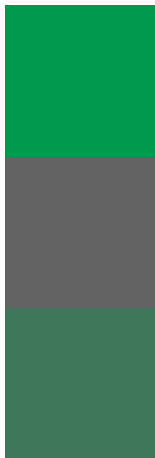
Deuteranomaly

45.4685, -18.8034, 17.7918

Tritanomaly

47.3893, -27.1554, 4.0301

Monochromacy



Original Color

47.9357, -37.2187, 20.4291

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

38.3656, -19.1691, 8.3567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9357, -37.2187, 20.4291 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, 152, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 76)  
}
```

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, 152, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9357, -37.2187, 20.4291 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, 152, 76) }
```


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

```
.border{ border-color:rgb(0, 152, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 152, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.9357, -37.2187, 20.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 76) }
```

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

```
.background{ background-color: rgb(0, 152,  
76) }
```

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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