

Converting Colors

HunterLab(47.7663, -49.3204,
9.5254)

Have a look what the booklet for
HunterLab(47.7663, -49.3204,
9.5254) contains.

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Color

**HunterLab(50.9570,
-35.4997, 12.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	009F70
RGB	0, 159, 112
RGB Percent	0%, 62%, 44%
CMY	0.9999, 0.3765, 0.5608
CMYK	1.00, 0.00, 0.30, 0.38
HSL	162°, 100%, 31%
HSV	162°, 100%, 62%
XYZ	15.3228, 25.9662, 19.5337
YIQ	106.1010, -79.6770, -48.3250

Conversions

Conversions Part 2

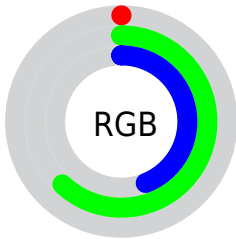
Format	Color
RYB	0, 93, 159
Decimal	40816
CIELab	58.01, -46.86, 14.80
CIELCh	58, 49.141, 162.476
Yxy	25.9672, 0.2519, 0.4269
Android (android.graphics.Color)	4278230896 (0xFF009F70)
YUV	106.1010, 2.9082, -93.0506
Hunter-Lab	50.9570, -35.4997, 12.9419

Details

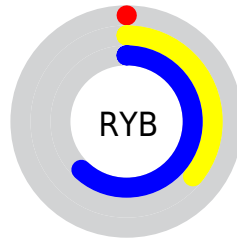
The HunterLab color **50.9570, -35.4997, 12.9419** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **27.5261, 47.8826, 12.0038**, and the grayscale version is **38.0158, -2.0284, 2.0655**.

A 20% lighter version of the original color is **73.0788, -42.1021, 15.7987**, and **32.6776, -23.9770, 10.9153** is the 20% darker color. If you saturate the color by 10%, you get **50.9578, -35.5009, 12.9435**, and if you desaturate by 10%, it is **51.1703, -34.4173, 11.5344**.

Distribution



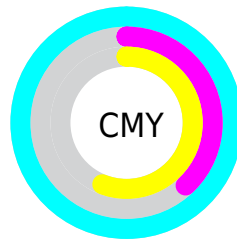
- Red (0%)
- Green (62%)
- Blue (44%)



- Red (0%)
- Yellow (36%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.9570, -35.4997, 12.9419 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 50.9570, -35.4997, 12.9419 by changing the saturation by 10% instead.

■ 50.9570, -35.4997,
12.9419

■ 50.9570, -35.4997,
12.9419

168.1133,
-62.0226, 25.3118

■ 40.9867, -31.9452,
11.5109

■ 72.9534, -42.0641,
15.7278

■ 31.7669, -28.1326,
10.0343

■ 84.8985, -45.1463,
17.0997

■ 23.3657, -23.9680,
8.4877

■ 97.4325, -48.1280,
18.4655

■ 15.8725, -19.3348,
6.8286

■ 110.5291,
-51.0267, 19.8291

■ 9.4143, -16.4751,
6.5900

■ 124.1649,
-53.8556, 21.1935

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.3195,

-56.6258, 22.5609

0.0000, NaN, NaN

152.9745,
-59.3457, 23.9332

0.0000, NaN, NaN

■ 50.9570, -35.4997,
12.9419

■ 50.9570, -35.4997,
12.9419

■ 50.9578, -35.5009,
12.9435

■ 51.1703, -34.4173,
11.5344

■ 51.4701, -32.9734,
10.1514

■ 51.8919, -31.0379,
8.8395

■ 52.4478, -28.5780,
7.6225

■ 53.1461, -25.5813,
6.5210

■ 53.9925, -22.0525,
5.5516

■ 54.9896, -18.0101,
4.7274

■ 56.1383, -13.4841,
4.0576

■ 57.4373, -8.5121,
3.5475

Harmonies

Analogous

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



50.9580, -26.9938, 23.5983



50.9570, -35.4997, 12.9419



50.9580, -36.1601, -6.1397

Triad

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



50.9580, -35.5001, 12.9423



50.9580, 6.2007, -50.0418



50.9580, 30.2231, 22.3440

Complementary

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



50.9570, -35.4997, 12.9419



27.5261, 47.8826, 12.0038

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.



50.9580, 42.4527, 10.3209



50.9570, -35.4997, 12.9419



50.9580, 27.1641, -33.9769

Square

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



50.9580, -35.5001, 12.9423



50.9580, -14.2029, -48.4120



50.9580, 41.2511, -10.0490



50.9580, 9.8756, 27.3370

Rectangle

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



50.9570, -35.4997, 12.9419



50.9580, -32.2380, -22.1466



50.9580, 41.2511, -10.0490



50.9580, 35.5558, 19.2531

Sweetspot

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



50.9580, -35.5001, 12.9423



73.5057, -24.4327, 6.3846



50.4168, -40.0649, 30.3648



34.6406, -12.6519, 3.2303



89.8524, -4.7943, 4.8819



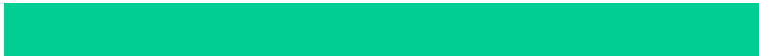
37.4146, -1.9963, 2.0328

Same Dimension

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



50.9580, -35.5001, 12.9423



68.1670, -47.6675, 17.6977



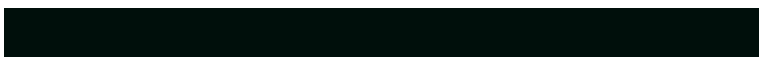
42.1130, -14.8905, -20.4922



27.3423, -3.8598, 1.6706



45.2950, -31.4990, 11.3824



6.1142, -3.8621, 0.6950

Inverse Universe

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



27.5261, 47.8826, 12.0038



36.7944, 63.9289, 16.6637



28.9726, 40.5431, 18.5618



25.8395, 1.1318, 1.2858



24.4755, 42.6044, 10.4723



3.3765, 6.0759, -0.0937

Previews

White Background



This preview shows how the HunterLab color 50.9570, -35.4997, 12.9419 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 50.9570, -35.4997, 12.9419 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 50.9570, -35.4997, 12.9419 Background



This preview shows how black text looks on a background with the HunterLab color 50.9570, -35.4997, 12.9419.



This preview shows how white text looks on a background with the HunterLab color 50.9570,

-35.4997, 12.9419.

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

50.9570, -35.4997, 12.9419

Protanopia

50.5428, -3.9336, 16.0227

Deuteranopia

50.4519, 3.5406, 11.0082



Tritanopia

50.9215, -20.7995, -10.4340

Trichromacy



Original Color

50.9570, -35.4997, 12.9419



Protanomaly

49.0217, -21.7031, 13.3351



Deuteranomaly

48.3463, -17.4383, 9.2223



Tritanomaly

50.8509, -27.3159, -0.8514

Monochromacy



Original Color

50.9570, -35.4997, 12.9419



Achromatopsia

37.9643, -2.0257, 2.0627



Achromatomaly

41.1622, -18.4557, 4.6054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.9570, -35.4997, 12.9419 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, 159, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 112)  
}
```

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, 159, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 50.9570, -35.4997, 12.9419 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, 159, 112) }
```


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

```
.border{ border-color:rgb(0, 159, 112) }
```

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

Here you see how a box with a 4 pixel rgb(0, 159, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.9570, -35.4997, 12.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 112) }
```

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

```
.background{ background-color: rgb(0, 159,  
112) }
```

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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