

Converting Colors

HunterLab(48.7156, -32.5883,
16.8792)

Have a look what the booklet for
HunterLab(48.7156, -32.5883,
16.8792) contains.

HunterLab(48.8874, -32.7170, 16.9919)	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(48.8874,
-32.7170, 16.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	31985D
RGB	49, 152, 93
RGB Percent	19%, 60%, 36%
CMY	0.8078, 0.4039, 0.6353
CMYK	0.68, 0.00, 0.39, 0.40
HSL	146°, 51%, 39%
HSV	146°, 68%, 60%
XYZ	14.4707, 23.8998, 14.2064
YIQ	114.4770, -42.4490, -40.1850

Conversions

Conversions Part 2

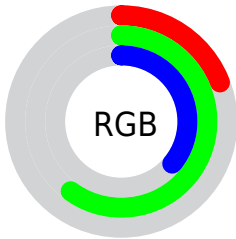
Format	Color
R_{YB}	49, 121, 152
Decimal	3250269
CIE _{Lab}	55.99, -43.31, 22.68
CIE _{LCh}	56, 48.884, 152.361
Yxy	23.9007, 0.2752, 0.4546
Android (android.graphics.Color)	4281440349 (0xFF31985D)
YUV	114.4770, -10.5882, -57.4233
Hunter-Lab	48.8874, -32.7170, 16.9919

Details

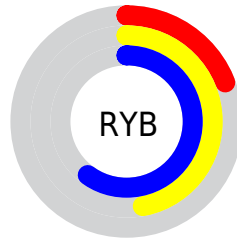
The HunterLab color $48.8874, -32.7170, 16.9919$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $31.5519, 39.5715, -6.5266$, and the grayscale version is $41.2563, -2.2013, 2.2415$.

A 20% lighter version of the original color is $70.5885, -38.7382, 20.6559$, and $30.5149, -23.8588, 13.3633$ is the 20% darker color. If you saturate the color by 10%, you get $48.4137, -34.9731, 18.8740$, and if you desaturate by 10%, it is $49.5053, -29.8806, 15.0174$.

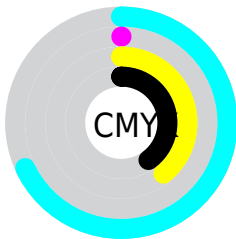
Distribution



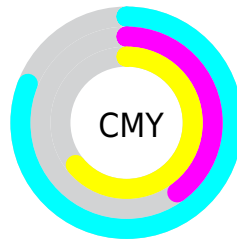
- Red (19%)
- Green (60%)
- Blue (36%)



- Red (19%)
- Yellow (47%)
- Blue (60%)



- Cyan (68%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



- Cyan (81%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8874, -32.7170, 16.9919 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 48.8874, -32.7170, 16.9919 by changing the saturation by 10% instead.

■ 48.8874, -32.7170,
16.9919

■ 48.8874, -32.7170,
16.9919

165.0207,
-57.7435, 32.8828

■ 39.0641, -29.3710,
15.0141

■ 70.6174, -38.8967,
20.7364

■ 30.0035, -25.7785,
12.9287

■ 82.4401, -41.8001,
22.5370

■ 21.7774, -21.8452,
10.6908

■ 94.8575, -44.6110,
24.3052

■ 14.4810, -17.6357,
8.7374

■ 107.8426,
-47.3457, 26.0489

■ 8.1421, -14.2487,
5.6995

■ 121.3713,
-50.0171, 27.7742

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.4228,

-52.6354, 29.4859

0.0000, NaN, NaN

149.9782,
-55.2086, 31.1877

0.0000, NaN, NaN

■ 48.8874, -32.7170,
16.9919

■ 48.8874, -32.7170,
16.9919

■ 48.4137, -34.9731,
18.8740

■ 49.5053, -29.8806,
15.0174

■ 48.0707, -36.6690,
20.6382

■ 50.2711, -26.4616,
12.9748

■ 47.8363, -37.8881,
22.2549

■ 51.1898, -22.4778,
10.8901

■ 47.7894, -38.1342,
22.5882

■ 52.2626, -17.9602,
8.7880

■ 53.4888, -12.9504,
6.6917

■ 54.8657, -7.4966,
4.6218

■ 56.3892, -1.6504,
2.5958

■ 58.0543, 4.5360,
0.6281

■ 59.8550, 11.0125,
-1.2702

Harmonies

Analogous

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



48.8884, -21.8738, 24.8433



48.8874, -32.7170, 16.9919



48.8884, -35.9371, 1.1001

Triad

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



48.8884, -32.7176, 16.9923



48.8884, -0.9860, -51.1836



48.8884, 35.1038, 18.7089

Complementary

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



48.8874, -32.7170, 16.9919



31.5519, 39.5715, -6.5266

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.



48.8884, 43.0454, 4.1723



48.8874, -32.7170, 16.9919



48.8884, 20.1900, -40.4799

Square

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



48.8884, -32.7176, 16.9923



48.8884, -19.5001, -43.2412



48.8884, 37.1886, -17.9916



48.8884, 16.9359, 25.5108

Rectangle

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



48.8874, -32.7170, 16.9919



48.8884, -33.8392, -13.7574



48.8884, 37.1886, -17.9916



48.8884, 39.1807, 14.8284

Sweetspot

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



48.8884, -32.7176, 16.9923



70.6148, -19.0131, 9.6194



50.9272, -25.6808, 27.5484



33.4618, -9.8934, 4.9291



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.



48.8884, -32.7176, 16.9923



64.0796, -47.6375, 26.2244



50.1062, -25.3961, -0.5165



26.3955, -4.0196, 2.3777



43.7660, -34.8758, 20.5831



5.4170, -3.8584, 1.5585

Inverse Universe

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



31.5519, 39.5715, -6.5266



38.3333, 60.7414, -7.1220



30.2882, 34.2238, 11.5344



25.0579, 1.3799, 0.4547



24.8624, 44.9273, -2.1487



3.1573, 5.9138, -1.8894

Previews

White Background



This preview shows how the HunterLab color 48.8874, -32.7170, 16.9919 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 48.8874, -32.7170, 16.9919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

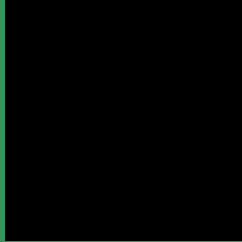
Any Text WCAG AA ✓ Pass

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 48.8874, -32.7170, 16.9919 Background



This preview shows how black text looks on a background with the HunterLab color 48.8874, -32.7170, 16.9919.



This preview shows how white text looks on a background with the HunterLab color 48.8874,

-32.7170, 16.9919.

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

48.8874, -32.7170, 16.9919

Protanopia

48.4259, -4.7424, 19.2344

Deuteranopia

48.4843, 3.0541, 15.4941



Tritanopia

48.6687, -17.0525, -8.6257

Trichromacy



Original Color

48.8874, -32.7170, 16.9919

Protanomaly

47.7239, -17.8007, 17.6256

Deuteranomaly

47.5457, -13.4709, 14.9588

Tritanomaly

48.5980, -23.6442, 2.4596

Monochromacy



Original Color

48.8874, -32.7170, 16.9919

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

43.1887, -15.4978, 7.6221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8874, -32.7170, 16.9919 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(49, 152, 93)` looks like.

```
.text, #text, p{  
    color:rgb(49, 152, 93)  
}
```

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(49, 152, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 152, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8874, -32.7170, 16.9919 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(49, 152, 93) }
```


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

```
.border{ border-color:rgb(49, 152, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 152, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 152, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 152, 93);  
box-shadow:4px 4px 4px 4px rgb(49, 152,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8874, -32.7170, 16.9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 152, 93) }
```

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

```
.background{ background-color: rgb(49, 152,  
93) }
```

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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