

Converting Colors

HunterLab(47.2800, -32.4617,
10.0532)

Have a look what the booklet for
HunterLab(47.2800, -32.4617,
10.0532) contains.

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Color

**HunterLab(47.2288,
-31.9889, 10.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	00946E
RGB	0, 148, 110
RGB Percent	0%, 58%, 43%
CMY	1.0000, 0.4196, 0.5686
CMYK	1.00, 0.00, 0.26, 0.42
HSL	165°, 100%, 29%
HSV	165°, 100%, 58%
XYZ	13.4044, 22.3056, 18.3508
YIQ	99.4160, -76.0100, -43.1940

Conversions

Conversions Part 2

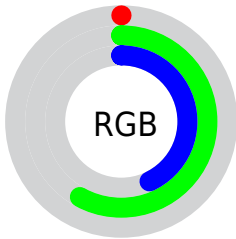
Format	Color
RYB	0, 85, 148
Decimal	37998
CIELab	54.35, -42.97, 10.82
CIELCh	54, 44.313, 165.869
Yxy	22.3065, 0.2480, 0.4126
Android (android.graphics.Color)	4278228078 (0xFF00946E)
YUV	99.4160, 5.2179, -87.1878
Hunter-Lab	47.2288, -31.9889, 10.0230

Details

The HunterLab color **47.2288, -31.9889, 10.0230** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **25.3701, 43.9963, 12.1151**, and the grayscale version is **35.4826, -1.8933, 1.9278**.

A 20% lighter version of the original color is **68.7399, -38.1759, 12.2057**, and **29.5187, -21.1060, 8.6659** is the 20% darker color. If you saturate the color by 10%, you get **47.2296, -31.9900, 10.0244**, and if you desaturate by 10%, it is **47.4246, -31.0132, 8.8512**.

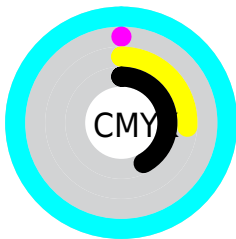
Distribution



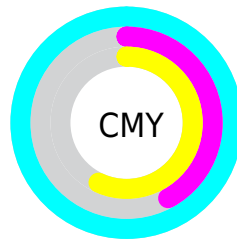
- Red (0%)
- Green (58%)
- Blue (43%)



- Red (0%)
- Yellow (33%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2288, -31.9889, 10.0230 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 47.2288, -31.9889, 10.0230 by changing the saturation by 10% instead.

■ 47.2288, -31.9889,
10.0230

■ 47.2288, -31.9889,
10.0230

162.5246,
-56.9802, 20.6884

■ 37.5263, -28.6313,
8.8408

■ 68.7401, -38.1743,
12.3604

■ 28.5970, -25.0175,
7.6344

■ 80.4625, -41.0758,
13.5274

■ 20.5158, -21.0460,
6.3846

■ 92.7845, -43.8827,
14.6987

■ 13.3834, -17.2725,
5.0557

■ 105.6783,
-46.6121, 15.8768

■ 6.9401, -12.1451,
4.8581

■ 119.1195,
-49.2771, 17.0636

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.0867,

-51.8881, 18.2605

0.0000, NaN, NaN

147.5608,
-54.4536, 19.4685

0.0000, NaN, NaN

■ 47.2288, -31.9889,
10.0230

■ 47.2288, -31.9889,
10.0230

■ 47.2296, -31.9900,
10.0244

■ 47.4246, -31.0132,
8.8512

■ 47.6963, -29.7239,
7.7179

■ 48.0787, -27.9920,
6.6685

■ 48.5827, -25.7878,
5.7238

■ 49.2159, -23.0997,
4.9006

■ 49.9833, -19.9309,
4.2126

■ 50.8875, -16.2973,
3.6696

■ 51.9294, -12.2247,
3.2779

■ 53.1079, -7.7461,
3.0404

Harmonies

Analogous

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



47.2297, -25.1843, 20.4223



47.2288, -31.9889, 10.0230



47.2297, -31.7858, -7.5099

Triad

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



47.2297, -31.9892, 10.0234



47.2297, 7.4719, -42.1922



47.2297, 24.5115, 20.8164

Complementary

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



47.2288, -31.9889, 10.0230



25.3701, 43.9963, 12.1151

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.



47.2297, 36.2403, 10.8259



47.2288, -31.9889, 10.0230



47.2297, 25.4284, -27.1191

Square

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



47.2297, -31.9892, 10.0234



47.2297, -10.7968, -42.6722



47.2297, 36.5993, -6.3372



47.2297, 6.3636, 24.8519

Rectangle

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



47.2288, -31.9889, 10.0230



47.2297, -27.7519, -21.5000



47.2297, 36.5993, -6.3372



47.2297, 29.4491, 18.2588

Sweetspot

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



47.2297, -31.9892, 10.0234



67.5159, -21.9580, 4.9125



46.4987, -37.4367, 27.9964



32.0300, -11.4016, 2.4701



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.



47.2297, -31.9892, 10.0234



62.7120, -42.6337, 13.6494



37.4887, -11.7842, -21.4177



25.5677, -3.5447, 1.4551



43.6544, -29.5331, 9.1892



4.8789, -2.9680, 0.3089

Inverse Universe

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



25.3701, 43.9963, 12.1151



33.6623, 58.3091, 16.6241



27.3341, 35.7594, 17.4684



24.1627, 0.9928, 1.3081



23.4547, 40.6933, 11.0745



2.6751, 4.7957, 0.0653

Previews

White Background



This preview shows how the HunterLab color 47.2288, -31.9889, 10.0230 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 47.2288, -31.9889, 10.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

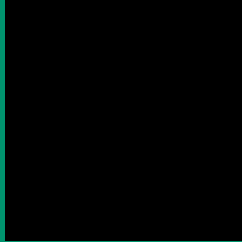
Any Text WCAG AA ✓ Pass

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 47.2288, -31.9889, 10.0230 Background



This preview shows how black text looks on a background with the HunterLab color 47.2288, -31.9889, 10.0230.



This preview shows how white text looks on a background with the HunterLab color 47.2288,

-31.9889, 10.0230.

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

47.2288, -31.9889, 10.0230

Protanopia

46.9504, -3.5384, 13.3209

Deuteranopia

47.0192, 2.9845, 8.5727



Tritanopia

47.2308, -19.4461, -9.6147

Trichromacy



Original Color

47.2288, -31.9889, 10.0230

Protanomaly

45.4780, -19.4271, 10.6090

Deuteranomaly

45.1076, -15.6855, 6.9858

Tritanomaly

46.9817, -24.7498, -1.8274

Monochromacy



Original Color

47.2288, -31.9889, 10.0230

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

38.4169, -16.7728, 3.5748

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2288, -31.9889, 10.0230 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, 148, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 110)  
}
```

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, 148, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2288, -31.9889, 10.0230 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, 148, 110) }
```


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

```
.border{ border-color:rgb(0, 148, 110) }
```

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

Here you see how a box with a 4 pixel rgb(0, 148, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2288, -31.9889, 10.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 110) }
```

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

```
.background{ background-color: rgb(0, 148,  
110) }
```

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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