

Converting Colors

HunterLab(48.9188, -31.3421,
6.5143)

Have a look what the booklet for
HunterLab(48.9188, -31.3421,
6.5143) contains.

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Color

**HunterLab(48.8996,
-31.3072, 6.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	00987C
RGB	0, 152, 124
RGB Percent	0%, 60%, 49%
CMY	0.9999, 0.4039, 0.5137
CMYK	1.00, 0.00, 0.18, 0.40
HSL	169°, 100%, 30%
HSV	169°, 100%, 60%
XYZ	14.8663, 23.9117, 22.9007
YIQ	103.3600, -81.6040, -40.9320

Conversions

Conversions Part 2

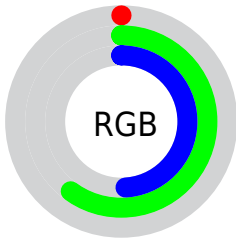
Format	Color
RYB	0, 84, 152
Decimal	39036
CIELab	56.00, -40.95, 5.20
CIELCh	56, 41.274, 172.765
Yxy	23.9126, 0.2410, 0.3877
Android (android.graphics.Color)	4278229116 (0xFF00987C)
YUV	103.3600, 10.1755, -90.6467
Hunter-Lab	48.8996, -31.3072, 6.4630

Details

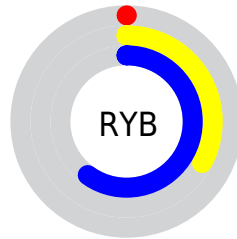
The HunterLab color **48.8996, -31.3072, 6.4630** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **25.9998, 44.8449, 14.2984**, and the grayscale version is **36.9516, -1.9716, 2.0077**.

A 20% lighter version of the original color is **70.5595, -37.2649, 8.3120**, and **31.0199, -20.7531, 6.0279** is the 20% darker color. If you saturate the color by 10%, you get **48.9004, -31.3083, 6.4644**, and if you desaturate by 10%, it is **49.0793, -30.4358, 5.5354**.

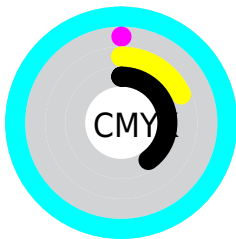
Distribution



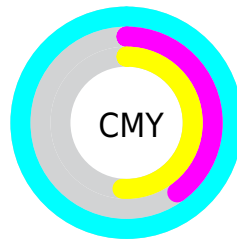
- Red (0%)
- Green (60%)
- Blue (49%)



- Red (0%)
- Yellow (33%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8996, -31.3072, 6.4630 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 48.8996, -31.3072, 6.4630 by changing the saturation by 10% instead.

■ 48.8996, -31.3072,
6.4630

■ 48.8996, -31.3072,
6.4630

165.0389,
-55.2393, 14.8217

■ 39.0753, -28.1287,
5.6307

■ 70.6311, -37.1908,
8.1819

■ 30.0138, -24.7221,
4.8121

■ 82.4546, -39.9615,
9.0699

■ 21.7866, -20.9989,
4.0024

■ 94.8727, -42.6473,
9.9780

■ 14.4891, -16.9289,
3.1911

■ 107.8584,
-45.2638, 10.9064

■ 8.1502, -14.2629,
3.0872

■ 121.3878,
-47.8227, 11.8550

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.4399,

-50.3334, 12.8239

0.0000, NaN, NaN

149.9959,
-52.8035, 13.8128

0.0000, NaN, NaN

■ 48.8996, -31.3072,
6.4630

■ 48.8996, -31.3072,
6.4630

■ 48.9004, -31.3083,
6.4644

■ 49.0793, -30.4358,
5.5354

■ 49.3362, -29.2499,
4.6767

■ 49.7053, -27.6203,
3.9328

■ 50.1981, -25.5142,
3.3234

■ 50.8227, -22.9169,
2.8634

■ 51.5846, -19.8291,
2.5636

■ 52.4867, -16.2643,
2.4306

■ 53.5303, -12.2466,
2.4675

■ 54.7144, -7.8077,
2.6735

Harmonies

Analogous

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



48.9005, -26.2737, 18.1387



48.8996, -31.3072, 6.4630



48.9005, -29.5442, -11.1576

Triad

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



48.9005, -31.3075, 6.4635



48.9005, 10.8673, -36.1847



48.9005, 19.0720, 21.6808

Complementary

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



48.8996, -31.3072, 6.4630



25.9998, 44.8449, 14.2984

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.



48.9005, 31.8066, 13.3459



48.8996, -31.3072, 6.4630



48.9005, 26.6309, -20.4812

Square

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



48.9005, -31.3075, 6.4635



48.9005, -6.7110, -40.0116



48.9005, 34.7486, -1.4720



48.9005, 1.6269, 24.7288

Rectangle

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



48.8996, -31.3072, 6.4630



48.9005, -24.6173, -23.9084



48.9005, 34.7486, -1.4720



48.9005, 24.1389, 19.5786

Sweetspot

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



48.9005, -31.3075, 6.4635



69.6547, -21.9062, 3.2334



47.6860, -39.3692, 28.6941



32.9775, -11.3476, 1.5639



87.6224, -4.6753, 4.7607



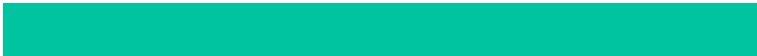
35.4919, -1.8938, 1.9283

Same Dimension

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



48.9005, -31.3075, 6.4635



64.9478, -41.7079, 8.8562



35.5797, -7.7615, -27.7152



26.4708, -3.6001, 1.3020



44.7813, -28.6398, 5.8523



5.5163, -3.2549, 0.1314

Inverse Universe

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



25.9998, 44.8449, 14.2984



34.5126, 59.4760, 19.4164



29.3248, 33.3598, 18.6529



24.9807, 0.9646, 1.5553



23.8140, 41.0923, 12.9838



2.9804, 5.2767, 0.5870

Previews

White Background



This preview shows how the HunterLab color 48.8996, -31.3072, 6.4630 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 48.8996, -31.3072, 6.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

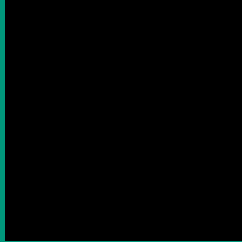
Any Text WCAG AA ✓ Pass

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 48.8996, -31.3072, 6.4630 Background



This preview shows how black text looks on a background with the HunterLab color 48.8996, -31.3072, 6.4630.



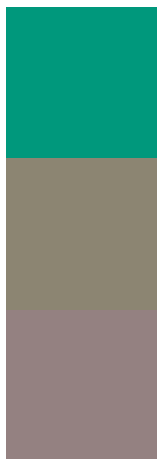
This preview shows how white text looks on a background with the HunterLab color 48.8996,

-31.3072, 6.4630.

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

48.8996, -31.3072, 6.4630

Protanopia

48.5442, -3.1745, 10.4136

Deuteranopia

48.5607, 3.3319, 4.6235



Tritanopia

48.9168, -20.7464, -9.9775

Trichromacy



Original Color

48.8996, -31.3072, 6.4630



Protanomaly

47.1042, -18.8907, 7.1211



Deuteranomaly

46.6940, -15.2271, 3.0110



Tritanomaly

48.8174, -25.3090, -3.3899

Monochromacy



Original Color

48.8996, -31.3072, 6.4630



Achromatopsia

36.8284, -1.9651, 2.0010



Achromatomaly

39.9759, -16.5836, 2.0377

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8996, -31.3072, 6.4630 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8996, -31.3072, 6.4630 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, 124) }
```


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

```
.border{ border-color:rgb(0, 152, 124) }
```

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, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8996, -31.3072, 6.4630 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, 124) }
```

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

```
.background{ background-color: rgb(0, 152,  
124) }
```

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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