

Converting Colors

HunterLab(61.5911, -31.0202,
-0.0910)

Have a look what the booklet for
HunterLab(61.5911, -31.0202,
-0.0910) contains.

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Color

**HunterLab(61.5918,
-31.0024, -0.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	40B7AC
RGB	64, 183, 172
RGB Percent	25%, 72%, 67%
CMY	0.7490, 0.2823, 0.3255
CMYK	0.65, 0.00, 0.06, 0.28
HSL	174°, 48%, 48%
HSV	174°, 65%, 72%
XYZ	26.4942, 37.9355, 44.9556
YIQ	146.1650, -67.3930, -28.6490

Conversions

Conversions Part 2

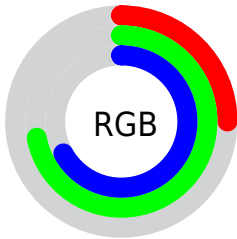
Format	Color
RYB	64, 126, 183
Decimal	4241324
CIELab	67.97, -35.33, -4.14
CIELCh	68, 35.576, 186.690
Yxy	37.9370, 0.2422, 0.3468
Android (android.graphics.Color)	4282431404 (0xFF40B7AC)
YUV	146.1650, 12.7367, -72.0587
Hunter-Lab	61.5918, -31.0024, -0.1613

Details

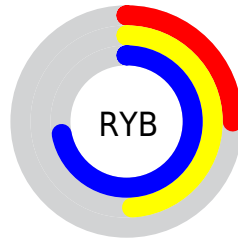
The HunterLab color **61.5918, -31.0024, -0.1613** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **37.7401, 41.0028, 13.5135**, and the grayscale version is **53.6511, -2.8627, 2.9150**.

A 20% lighter version of the original color is **85.0305, -36.2220, 1.0879**, and **41.2996, -23.6924, -0.4759** is the 20% darker color. If you saturate the color by 10%, you get **61.1197, -32.9757, 0.0436**, and if you desaturate by 10%, it is **62.2252, -28.4281, -0.1610**.

Distribution



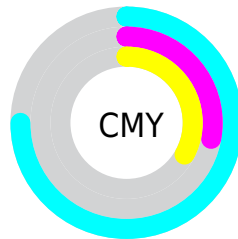
- Red (25%)
- Green (72%)
- Blue (67%)



- Red (25%)
- Yellow (49%)
- Blue (72%)



- Cyan (65%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (75%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5918, -31.0024, -0.1613 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 61.5918, -31.0024, -0.1613 by changing the saturation by 10% instead.

61.5918, -31.0024,
-0.1613

61.5918, -31.0024,
-0.1613

183.6708,
-51.8162, 5.0148

50.9252, -28.3779,
-0.5380

84.8596, -35.9713,
0.7312

40.9562, -25.6224,
-0.8643

97.3918, -38.3521,
1.2389

31.7389, -22.6926,
-1.1336

110.4866,
-40.6810, 1.7843

23.3404, -19.5207,
-1.3379

124.1208,
-42.9674, 2.3655

15.8502, -15.9932,
-1.4664

138.2737,
-45.2187, 2.9806

9.3957, -16.4424,
-1.5020

152.9272,

0.0000, NaN, -NF

-47.4408, 3.6281

0.0000, NaN, NaN

168.0645,
-49.6386, 4.3066

0.0000, NaN, NaN

■ 61.5918, -31.0024,
-0.1613

■ 61.5918, -31.0024,
-0.1613

■ 61.1197, -32.9757,
0.0436

■ 62.2252, -28.4281,
-0.1610

■ 60.7922, -34.3829,
0.4327

■ 63.0258, -25.2373,
0.0541

■ 60.5922, -35.2865,
0.9806

■ 64.0007, -21.4343,
0.4909

■ 60.5181, -35.6350,
1.2833

■ 65.1532, -17.0385,
1.1503

■ 66.4839, -12.0818,
2.0280

■ 67.9915, -6.6052,
3.1161

■ 69.6727, -0.6559,
4.4035

■ 71.5229, 5.7158,
5.8769

■ 73.5363, 12.4590,
7.5217

Harmonies

Analogous

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



61.5930, -29.1102, 13.8604



61.5918, -31.0024, -0.1613



61.5930, -26.1020, -16.8574

Triad

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



61.5930, -31.0027, -0.1605



61.5930, 16.2227, -25.0874



61.5930, 9.3837, 24.6539

Complementary

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



61.5918, -31.0024, -0.1613



37.7401, 41.0028, 13.5135

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.



61.5930, 23.4173, 18.4204



61.5918, -31.0024, -0.1613



61.5930, 27.6394, -9.4107

Square

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



61.5930, -31.0027, -0.1605



61.5930, 0.3409, -33.4421



61.5930, 30.3982, 6.6704



61.5930, -6.8382, 25.9379

Rectangle

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



61.5918, -31.0024, -0.1613



61.5930, -19.3145, -26.5179



61.5930, 30.3982, 6.6704



61.5930, 14.5618, 23.1626

Sweetspot

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



61.5930, -31.0027, -0.1605



87.9978, -19.7783, 2.0549



59.8089, -42.4904, 31.3008



41.1269, -10.1525, 0.8175



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



61.5930, -31.0027, -0.1605



81.5842, -45.0215, 0.2519



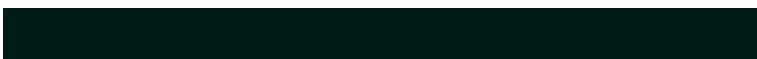
46.8509, -8.1418, -27.9694



31.9311, -4.2827, 1.2434



50.5513, -29.7310, 0.9961



9.5134, -5.4494, -0.1274

Inverse Universe

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



37.7401, 41.0028, 13.5135



45.7547, 65.4207, 21.9853



46.8392, 17.8975, 23.0345



30.0422, 1.1233, 2.1928



26.5629, 45.6130, 16.2086



5.0325, 8.7313, 2.3765

Previews

White Background



This preview shows how the HunterLab color 61.5918, -31.0024, -0.1613 looks on a white background.

Color Contrast Check

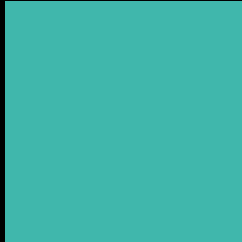
Large Text (above 18pt) WCAG AA × Fail

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 61.5918, -31.0024, -0.1613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

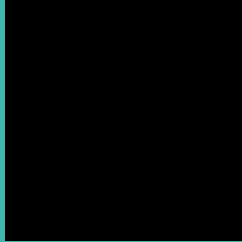
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 61.5918, -31.0024, -0.1613 Background



This preview shows how black text looks on a background with the HunterLab color 61.5918, -31.0024, -0.1613.



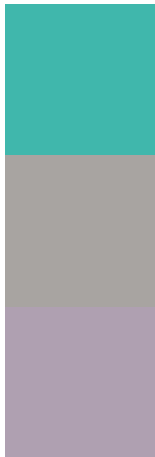
This preview shows how white text looks on a background with the HunterLab color 61.5918, -31.0024, -0.1613.

-31.0024, -0.1613.

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

61.5918, -31.0024, -0.1613

Protanopia

61.1956, -2.5019, 4.9963

Deuteranopia

61.1800, 4.3468, -2.5351



Tritanopia

61.6388, -24.2258, -11.5366

Trichromacy



Original Color

61.5918, -31.0024, -0.1613

Protanomaly

60.4882, -15.6712, 2.1061

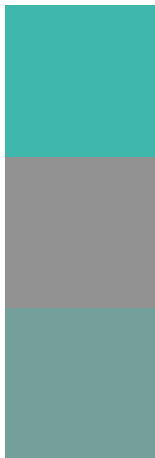
Deuteranomaly

60.2091, -11.2904, -3.0355

Tritanomaly

61.5589, -26.7911, -7.2789

Monochromacy



Original Color

61.5918, -31.0024, -0.1613

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

55.5660, -15.2699, 0.8836

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.5918, -31.0024, -0.1613 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(64, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(64, 183, 172)  
}
```

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(64, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 183, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 61.5918, -31.0024, -0.1613 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(64, 183, 172) }
```


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

```
.border{ border-color:rgb(64, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(64, 183,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.5918, -31.0024, -0.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 183, 172) }
```

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

```
.background{ background-color: rgb(64, 183,  
172) }
```

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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