

Converting Colors

HunterLab(40.0310, 11.8473,
22.9961)

Have a look what the booklet for
HunterLab(40.0310, 11.8473,
22.9961) contains.

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Color

**HunterLab(40.1130, 11.7676,
23.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	9C631F
RGB	156, 99, 31
RGB Percent	61%, 39%, 12%
CMY	0.3882, 0.6117, 0.8784
CMYK	0.00, 0.37, 0.80, 0.39
HSL	33°, 67%, 37%
HSV	33°, 80%, 61%
XYZ	18.4195, 16.0905, 3.4313
YIQ	108.2910, 55.8000, -9.0640

Conversions

Conversions Part 2

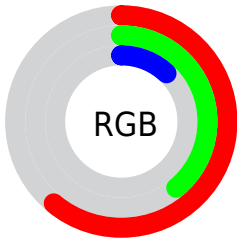
Format	Color
RYB	136, 156, 31
Decimal	10248991
CIELab	47.09, 17.39, 45.61
CIElCh	47, 48.811, 69.129
Yxy	16.0914, 0.4855, 0.4241
Android (android.graphics.Color)	4288439071 (0xFF9C631F)
YUV	108.2910, -38.1045, 41.8408
Hunter-Lab	40.1130, 11.7676, 23.0074

Details

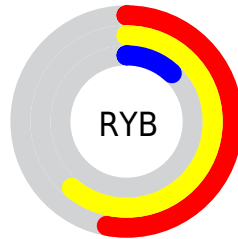
The HunterLab color **40.1130, 11.7676, 23.0074** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **31.0976, 3.2968, -40.7463**, and the grayscale version is **38.9619, -2.0789, 2.1169**.

A 20% lighter version of the original color is **60.7074, 12.5983, 30.0253**, and **22.7273, 11.1487, 14.1996** is the 20% darker color. If you saturate the color by 10%, you get **38.3914, 14.7252, 23.1930**, and if you desaturate by 10%, it is **41.9550, 9.0383, 22.2694**.

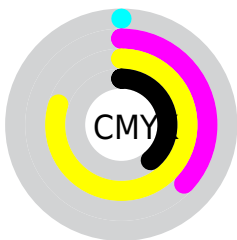
Distribution



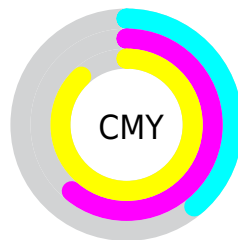
- Red (61%)
- Green (39%)
- Blue (12%)



- Red (53%)
- Yellow (61%)
- Blue (12%)



- Cyan (0%)
- Magenta (37%)
- Yellow (80%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1130, 11.7676, 23.0074 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 40.1130, 11.7676, 23.0074 by changing the saturation by 10% instead.

40.1130, 11.7676,
23.0074

40.1130, 11.7676,
23.0074

151.6180, 12.7788,
50.7285

30.9658, 11.2552,
19.1506

60.6273, 12.4832,
30.0427

22.6433, 10.6217,
15.6479

71.8946, 12.7153,
33.3007

15.2384, 9.8407,
10.6669

83.7845, 12.8747,
36.4268

8.8621, 8.9790,
6.2034

96.2660, 12.9680,
39.4436

0.0000, INF, NaN

0.0000, NaN, NaN

109.3123, 13.0009,
42.3690

0.0000, NaN, NaN

122.8998, 12.9778,

0.0000, NaN, NaN

45.2176

0.0000, NaN, NaN

137.0079, 12.9026,
48.0009

40.1130, 11.7676,
23.0074

40.1130, 11.7676,
23.0074

38.3914, 14.7252,
23.1930

41.9550, 9.0383,
22.2694

36.8024, 17.7992,
22.9891

43.9087, 6.5634,
20.9780

45.9684, 4.3475,
19.1530

48.1273, 2.3891,
16.8244

50.3788, 0.6808,
14.0273

■ 52.7165, -0.7886,
10.7981

■ 55.1342, -2.0324,
7.1727

■ 57.6264, -3.0647,
3.1854

■ 60.1879, -3.9002,
-1.1321

Harmonies

Analogous

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



40.1140, 30.4253, 18.5409



40.1130, 11.7676, 23.0074



40.1140, -7.7926, 23.6052

Triad

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



40.1140, 11.7653, 23.0078



40.1140, -32.2905, -3.7503



40.1140, 23.7011, -35.3620

Complementary

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



40.1130, 11.7676, 23.0074



31.0976, 3.2968, -40.7463

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.



40.1140, 3.8386, -49.7336



40.1130, 11.7676, 23.0074



40.1140, -26.7948, -26.6322

Square

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



40.1140, 11.7653, 23.0078



40.1140, -30.9617, 12.7231



40.1140, -14.3808, -45.9531



40.1140, 38.1612, -12.3267

Rectangle

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



40.1130, 11.7676, 23.0074



40.1140, -18.4674, 22.2581



40.1140, -14.3808, -45.9531



40.1140, 17.2992, -41.7614

Sweetspot

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



40.1140, 11.7653, 23.0078



69.6624, -0.2402, 16.5134



29.6224, 44.6798, -0.0291



32.1901, 0.1997, 8.4138



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



40.1140, 11.7653, 23.0078



50.0490, 23.1307, 30.9673



55.2585, -15.7731, 32.3828



26.8589, -1.0338, 3.3191



33.5056, 15.9247, 20.9248



5.3366, 0.4370, 3.2960

Inverse Universe

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



31.0976, 3.2968, -40.7463



36.1198, 12.4916, -71.2969



19.3408, 32.5082, -83.9316



26.2841, -1.7093, -0.5413



24.0221, 8.7835, -48.9865



4.3220, -0.7860, -3.7053

Previews

White Background



This preview shows how the HunterLab color 40.1130, 11.7676, 23.0074 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.1130, 11.7676, 23.0074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

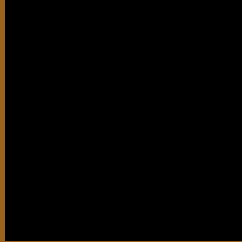
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 40.1130, 11.7676, 23.0074 Background



This preview shows how black text looks on a background with the HunterLab color 40.1130, 11.7676, 23.0074.



This preview shows how white text looks on a background with the HunterLab color 40.1130, 11.7676,

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

40.1130, 11.7676, 23.0074

Protanopia

40.1739, -5.0470, 22.4332

Deuteranopia

40.0682, 2.7100, 23.1117



Tritanopia

40.2531, 21.1889, 7.7877

Trichromacy



Original Color

40.1130, 11.7676, 23.0074

Protanomaly

39.9294, 0.9736, 22.4849

Deuteranomaly

39.8751, 5.9880, 22.9473

Tritanomaly

40.0621, 17.3378, 15.4017

Monochromacy



Original Color

40.1130, 11.7676, 23.0074

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.7844, 0.9648, 12.3137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1130, 11.7676, 23.0074 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(156, 99, 31)` looks like.

```
.text, #text, p{  
    color:rgb(156, 99, 31)  
}
```

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(156, 99, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 99, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1130, 11.7676, 23.0074 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(156, 99, 31) }
```


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

```
.border{ border-color:rgb(156, 99, 31) }
```

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

Here you see how a box with a 4 pixel rgb(156, 99, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 99, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 99, 31);  
box-shadow:4px 4px 4px 4px rgb(156, 99,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1130, 11.7676, 23.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 99, 31) }
```

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

```
.background{ background-color: rgb(156, 99,  
31) }
```

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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