

Converting Colors

HunterLab(11.9172, 31.2093,
-76.3375)

Have a look what the booklet for
HunterLab(11.9172, 31.2093,
-76.3375) contains.

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Color

**HunterLab(11.8868, 31.1610,
-76.0744)**

Conversions

Conversions Part 1

Format	Color
Hex	120075
RGB	18, 0, 117
RGB Percent	7%, 0%, 46%
CMY	0.9294, 1.0000, 0.5412
CMYK	0.85, 1.00, 0.00, 0.54
HSL	249°, 100%, 23%
HSV	249°, 100%, 46%
XYZ	3.4604, 1.4130, 16.9200
YIQ	18.7200, -26.8290, 40.2030

Conversions

Conversions Part 2

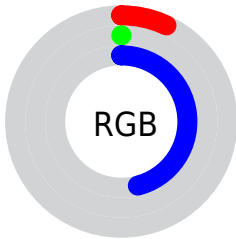
Format	Color
RYB	18, 0, 117
Decimal	1179765
CIELab	12.04, 44.84, -59.17
CIELCh	12, 74.242, 307.153
Yxy	1.4130, 0.1588, 0.0648
Android (android.graphics.Color)	4279369845 (0xFF120075)
YUV	18.7200, 48.4520, -0.6314
Hunter-Lab	11.8868, 31.1610, -76.0744

Details

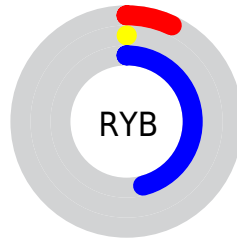
The HunterLab color **11.8868, 31.1610, -76.0744** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **39.2108, -16.2398, 23.8772**, and the grayscale version is **7.8570, -0.4192, 0.4269**.

A 20% lighter version of the original color is **26.6735, 34.5800, -67.4921**, and **6.3659, 17.2675, -45.2325** is the 20% darker color. If you saturate the color by 10%, you get **11.8872, 31.1614, -76.0719**, and if you desaturate by 10%, it is **13.3629, 27.5772, -65.9551**.

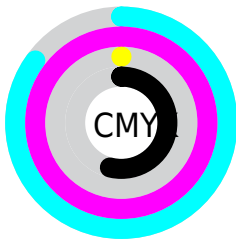
Distribution



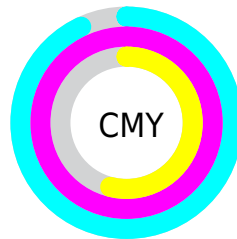
- Red (7%)
- Green (0%)
- Blue (46%)



- Red (7%)
- Yellow (0%)
- Blue (46%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (93%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8868, 31.1610, -76.0744 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 11.8868, 31.1610, -76.0744 by changing the saturation by 10% instead.

■ 11.8868, 31.1610,
-76.0744

■ 11.8868, 31.1610,
-76.0744

■ 102.6550, 44.7376,
-70.6499

■ 4.7572, 44.2704,
-121.5040

■ 26.6548, 34.7699,
-68.0411

0.0000, INF, -NF

0.0000, NaN, -NF

■ 35.3958, 36.5285,
-67.2963

0.0000, NaN, -NF

■ 44.9262, 38.1749,
-67.2974

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.1854, 39.7029,
-67.6947

0.0000, NaN, NaN


■ 66.1248, 41.1163,
-68.3092


0.0000, NaN, NaN


■ 77.7045, 42.4217,

0.0000, NaN, NaN


-69.0418


 89.8908, 43.6264,
-69.8340


 11.8868, 31.1610,
-76.0744


 11.8868, 31.1610,
-76.0744


 11.8872, 31.1614,
-76.0719

 13.3629, 27.5772,
-65.9551

 15.2367, 23.9162,
-55.6813

 17.6454, 19.9029,
-45.3280

 20.4676, 15.9985,
-35.8599

 23.6059, 12.3686,
-27.5083

■ 26.9896, 9.0296,
-20.1821

■ 30.5692, 5.9442,
-13.7012

■ 34.3094, 3.0640,
-7.8885

■ 38.1849, 0.3447,
-2.5962

Harmonies

Analogous

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



11.8872, 4.3550, -114.9986



11.8868, 31.1610, -76.0744



11.8872, 56.6484, -22.8867

Triad

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



11.8872, 31.1614, -76.0719



11.8872, 17.5074, 8.3210



11.8872, -20.8025, -4.6497

Complementary

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



11.8868, 31.1610, -76.0744



39.2108, -16.2398, 23.8772

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.



11.8872, -20.8025, 8.3210



11.8868, 31.1610, -76.0744



11.8872, -4.9171, 8.3210

Square

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



11.8872, 31.1614, -76.0719



11.8872, 45.8464, 8.3210



11.8872, -18.2085, 8.3210



11.8872, -20.8025, -46.6188

Rectangle

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



11.8868, 31.1610, -76.0744



11.8872, 63.9007, -1.2461



11.8872, -18.2085, 8.3210



11.8872, -20.8025, 2.2724

Sweetspot

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



11.8872, 31.1614, -76.0719



40.5273, 8.2637, -18.9719



32.0837, -13.2204, -11.5627



18.6664, 4.6020, -10.4257



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



11.8872, 31.1614, -76.0719



15.7754, 41.5945, -102.8176



16.8016, 36.4173, -48.3989



19.0117, 0.0444, -1.0401



12.4576, 32.6928, -80.0017



27.0496, 71.8159, -180.1354

Inverse Universe

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



21.6394, 41.2202, -18.2814



28.9297, 55.0630, -24.0966



36.3223, -27.8180, 21.8946



19.3616, 1.1835, -0.2039



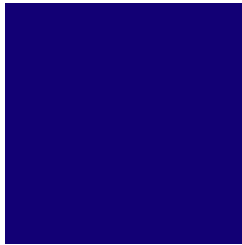
22.7099, 43.2530, -19.1362



50.0305, 95.1227, -40.8794

Previews

White Background



This preview shows how the HunterLab color 11.8868, 31.1610, -76.0744 looks on a white background.

Color Contrast Check

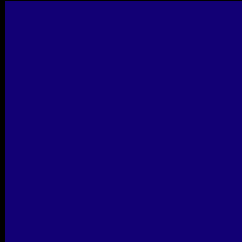
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 11.8868, 31.1610, -76.0744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

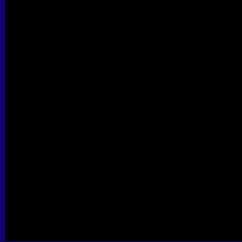
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 11.8868, 31.1610, -76.0744 Background



This preview shows how black text looks on a background with the HunterLab color 11.8868, 31.1610, -76.0744.



This preview shows how white text looks on a background with the HunterLab color 11.8868, 31.1610, -76.0744.

-76.0744.

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

11.8868, 31.1610, -76.0744

Protanopia

12.9734, 2.1124, -20.7757

Deuteranopia

12.9265, -1.4790, -12.9643



Tritanopia

12.9798, -6.5324, -2.1221

Trichromacy



Original Color

11.8868, 31.1610, -76.0744

Protanomaly

11.5770, 13.3174, -41.0364

Deuteranomaly

11.4352, 10.2283, -34.1636

Tritanomaly

10.8171, 5.9780, -24.0898

Monochromacy



Original Color

11.8868, 31.1610, -76.0744

Achromatopsia

8.0698, -0.4306, 0.4384

Achromatomaly

8.2294, 9.2331, -20.8083

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8868, 31.1610, -76.0744 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(18, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(18, 0, 117)  
}
```

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(18, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 0, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8868, 31.1610, -76.0744 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(18, 0, 117) }
```


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

```
.border{ border-color:rgb(18, 0, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 0, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(18, 0, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.8868, 31.1610, -76.0744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 0, 117) }
```

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

```
.background{ background-color: rgb(18, 0,  
117) }
```

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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