

Converting Colors

HunterLab(12.4180, 31.1875,
-82.8463)

Have a look what the booklet for
HunterLab(12.4180, 31.1875,
-82.8463) contains.

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Color

**HunterLab(12.4180, 31.1875,
-82.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	00047C
RGB	0, 4, 124
RGB Percent	0%, 2%, 49%
CMY	0.9999, 0.9843, 0.5137
CMYK	1.00, 0.97, 0.00, 0.51
HSL	238°, 100%, 24%
HSV	238°, 100%, 49%
XYZ	3.6815, 1.5421, 19.1724
YIQ	16.4840, -40.9040, 36.4720

Conversions

Conversions Part 2

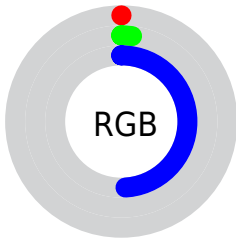
Format	Color
RYB	0, 4, 124
Decimal	1148
CIELab	12.87, 44.72, -62.32
CIELCh	13, 76.705, 305.665
Yxy	1.5421, 0.1509, 0.0632
Android (android.graphics.Color)	4278191228 (0xFF00047C)
YUV	16.4840, 53.0054, -14.4565
Hunter-Lab	12.4180, 31.1875, -82.8463

Details

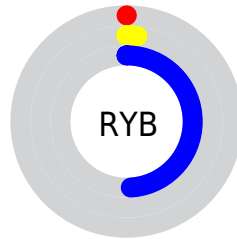
The HunterLab color **12.4180, 31.1875, -82.8463** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **42.0987, -9.9398, 25.7664**, and the grayscale version is **7.1987, -0.3841, 0.3911**.

A 20% lighter version of the original color is **27.4042, 34.7806, -73.6319**, and **6.9357, 18.8131, -49.2811** is the 20% darker color. If you saturate the color by 10%, you get **12.4163, 31.1949, -82.8602**, and if you desaturate by 10%, it is **13.8091, 27.2912, -72.8858**.

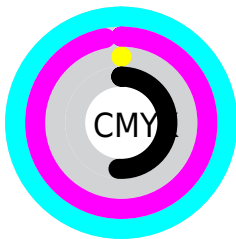
Distribution



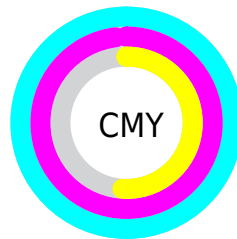
- Red (0%)
- Green (2%)
- Blue (49%)



- Red (0%)
- Yellow (2%)
- Blue (49%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (98%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4180, 31.1875, -82.8463 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 12.4180, 31.1875, -82.8463 by changing the saturation by 10% instead.

■ 12.4180, 31.1875,
-82.8463

■ 12.4180, 31.1875,
-82.8463

■ 103.7380, 44.6854,
-75.8990

■ 5.6397, 38.3556,
-118.1808

■ 27.3474, 34.8075,
-73.7912

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.1566, 36.5539,
-72.8181

0.0000, NaN, -NF

■ 45.7495, 38.1864,
-72.6801

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.0668, 39.7005,
-72.9949

0.0000, NaN, NaN

■ 67.0606, 41.1005,
-73.5646

0.0000, NaN, NaN

■ 78.6918, 42.3931,

0.0000, NaN, NaN

-74.2782

90.9271, 43.5857,
-75.0700

12.4180, 31.1875,
-82.8463

12.4180, 31.1875,
-82.8463

12.4163, 31.1949,
-82.8602

13.8091, 27.2912,
-72.8858

15.7798, 22.7198,
-61.5267

18.3581, 18.1193,
-49.9561

21.4006, 13.9516,
-39.3987

24.7936, 10.3144,
-30.1419

■ 28.4560, 7.1539,
-22.0714

■ 32.3319, 4.3796,
-14.9688

■ 36.3820, 1.9063,
-8.6238

■ 40.5783, -0.3351,
-2.8636

Harmonies

Analogous

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



12.4180, 3.4212, -121.6442



12.4180, 31.1875, -82.8463



12.4180, 58.4960, -26.3415

Triad

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



12.4180, 31.1898, -82.8468



12.4180, 19.8109, 8.6926



12.4180, -21.7315, -3.5671

Complementary

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



12.4180, 31.1875, -82.8463



42.0987, -9.9398, 25.7664

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.



12.4180, -21.7315, 8.6926



12.4180, 31.1875, -82.8463



12.4180, -4.2797, 8.6926

Square

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



12.4180, 31.1898, -82.8468



12.4180, 49.4787, 8.6926



12.4180, -17.9544, 8.6926



12.4180, -21.7315, -46.1546

Rectangle

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



12.4180, 31.1875, -82.8463



12.4180, 66.9444, -2.4637



12.4180, -17.9544, 8.6926



12.4180, -21.7315, 3.1632

Sweetspot

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



12.4180, 31.1898, -82.8468



42.5095, 6.0617, -20.5026



39.7093, -21.8875, -2.3829



19.7499, 3.5443, -11.4934



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



12.4180, 31.1898, -82.8468



16.3487, 41.9016, -110.8881



15.3342, 35.7446, -63.6556



19.7795, -0.2579, -1.1351



12.5158, 31.4658, -83.5692



26.8938, 70.6143, -186.0509

Inverse Universe

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



20.7224, 35.5259, 13.0628



27.4810, 47.1032, 17.4388



39.4696, -26.2712, 23.8604



20.0423, 0.5776, 1.5647



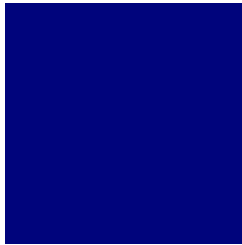
20.8926, 35.8213, 13.1742



45.6041, 78.1373, 29.1664

Previews

White Background



This preview shows how the HunterLab color 12.4180, 31.1875, -82.8463 looks on a white background.

Color Contrast Check

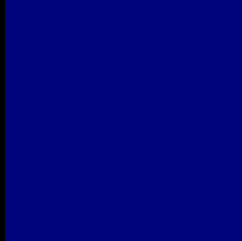
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.4180, 31.1875, -82.8463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

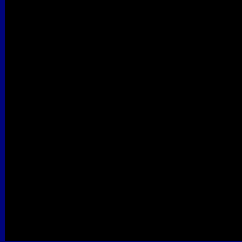
Any Text WCAG AA × Fail

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 12.4180, 31.1875, -82.8463 Background



This preview shows how black text looks on a background with the HunterLab color 12.4180, 31.1875, -82.8463.



This preview shows how white text looks on a background with the HunterLab color 12.4180, 31.1875, -82.8463.

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

12.4180, 31.1875, -82.8463

Protanopia

13.3550, 2.4967, -22.0823

Deuteranopia

13.4952, -1.7798, -13.0257



Tritanopia

13.5565, -6.8358, -2.1879

Trichromacy



Original Color

12.4180, 31.1875, -82.8463

Protanomaly

12.0149, 13.1799, -43.4691

Deuteranomaly

11.8772, 10.0106, -36.4555

Tritanomaly

11.4523, 5.1750, -25.4858

Monochromacy



Original Color

12.4180, 31.1875, -82.8463

Achromatopsia

7.1983, -0.3841, 0.3911

Achromatomaly

7.7673, 8.1526, -22.6611

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4180, 31.1875, -82.8463 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, 4, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 4, 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, 4, 124) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 12.4180, 31.1875, -82.8463 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, 4, 124) }
```


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

```
.border{ border-color:rgb(0, 4, 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, 4, 124)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 12.4180, 31.1875, -82.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 4, 124) }
```

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

```
.background{ background-color: rgb(0, 4,  
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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