

Converting Colors

HunterLab(12.6368, 30.9581,
-82.6245)

Have a look what the booklet for
HunterLab(12.6368, 30.9581,
-82.6245) contains.

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Color

**HunterLab(12.6064, 31.1210,
-82.9383)**

Conversions

Conversions Part 1

Format	Color
Hex	00057D
RGB	0, 5, 125
RGB Percent	0%, 2%, 49%
CMY	0.9999, 0.9804, 0.5098
CMYK	1.00, 0.96, 0.00, 0.51
HSL	238°, 100%, 25%
HSV	238°, 100%, 49%
XYZ	3.7559, 1.5892, 19.5109
YIQ	17.1850, -41.5000, 36.2600

Conversions

Conversions Part 2

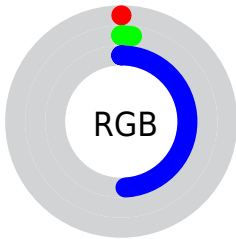
Format	Color
RYB	0, 5, 125
Decimal	1405
CIELab	13.16, 44.60, -62.47
CIELCh	13, 76.759, 305.524
Yxy	1.5892, 0.1511, 0.0639
Android (android.graphics.Color)	4278191485 (0xFF00057D)
YUV	17.1850, 53.1528, -15.0712
Hunter-Lab	12.6064, 31.1210, -82.9383

Details

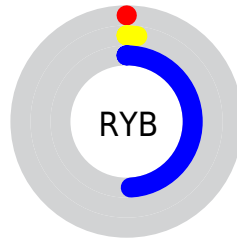
The HunterLab color **12.6064, 31.1210, -82.9383** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **42.1876, -9.6149, 25.8269**, and the grayscale version is **7.4006, -0.3949, 0.4021**.

A 20% lighter version of the original color is **27.6448, 34.5878, -73.8271**, and **7.0314, 19.0728, -49.9614** is the 20% darker color. If you saturate the color by 10%, you get **12.6047, 31.1282, -82.9517**, and if you desaturate by 10%, it is **14.0122, 27.2117, -72.9860**.

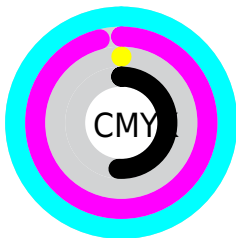
Distribution



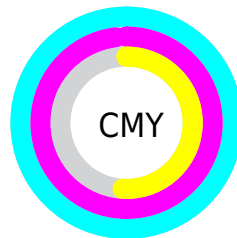
- Red (0%)
- Green (2%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6064, 31.1210, -82.9383 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 12.6064, 31.1210, -82.9383 by changing the saturation by 10% instead.

■ 12.6064, 31.1210,
-82.9383

■ 12.6064, 31.1210,
-82.9383

■ 104.1195, 44.5662,
-76.1796

■ 5.9187, 36.8437,
-114.6587

■ 27.5923, 34.7404,
-74.0369

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.4253, 36.4797,
-73.0807

0.0000, NaN, -NF

■ 46.0401, 38.1044,
-72.9506

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.3777, 39.6107,
-73.2695

0.0000, NaN, NaN


■ 67.3906, 41.0029,
-73.8415


0.0000, NaN, NaN


■ 79.0398, 42.2881,

0.0000, NaN, NaN


-74.5566


 91.2923, 43.4735,
-75.3495


 12.6064, 31.1210,
-82.9383


 12.6064, 31.1210,
-82.9383


 12.6047, 31.1282,
-82.9517

 14.0122, 27.2117,
-72.9860

 16.0194, 22.5796,
-61.5434

 18.6267, 17.9656,
-49.9661

 21.6925, 13.8051,
-39.4214

 25.1052, 10.1832,
-30.1732

■ 28.7852, 7.0413,
-22.1027

■ 32.6773, 4.2876,
-14.9927

■ 36.7429, 1.8364,
-8.6352

■ 40.9542, -0.3812,
-2.8596

Harmonies

Analogous

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



12.6064, 3.3242, -121.3249



12.6064, 31.1210, -82.9383



12.6064, 58.4723, -26.5799

Triad

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



12.6064, 31.1233, -82.9388



12.6064, 20.0117, 8.8245



12.6064, -22.0612, -3.4546

Complementary

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



12.6064, 31.1210, -82.9383



42.1876, -9.6149, 25.8269

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.



12.6064, -22.0612, 8.8245



12.6064, 31.1210, -82.9383



12.6064, -4.2275, 8.8245

Square

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



12.6064, 31.1233, -82.9388



12.6064, 49.6846, 8.8245



12.6064, -17.8640, 8.8245



12.6064, -22.0612, -45.8562

Rectangle

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



12.6064, 31.1210, -82.9383



12.6064, 66.9883, -2.5826



12.6064, -17.8640, 8.8245



12.6064, -22.0612, 3.2620

Sweetspot

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



12.6064, 31.1233, -82.9388



43.3357, 5.9943, -20.7275



39.9917, -22.4558, -1.5091



19.8027, 3.4445, -11.3995



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.



12.6064, 31.1233, -82.9388



16.7113, 42.3140, -112.2313



15.2618, 35.8323, -65.3430



20.5842, -0.2815, -1.1851



12.8672, 31.8427, -84.8222

0.0000, NaN, NaN

Inverse Universe

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



20.9076, 35.8532, 13.1041



27.9677, 47.9464, 17.6771



39.9045, -26.1264, 24.1309



20.8490, 0.6215, 1.6146

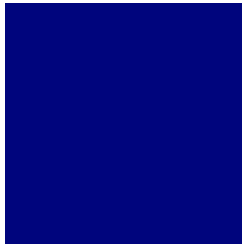


21.3580, 36.6284, 13.3970

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 12.6064, 31.1210, -82.9383 looks on a white background.

Color Contrast Check

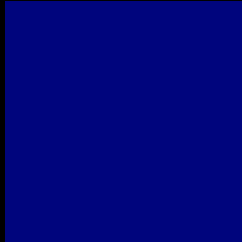
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.6064, 31.1210, -82.9383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

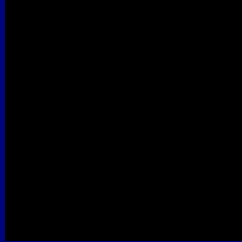
Any Text WCAG AA × Fail

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 12.6064, 31.1210, -82.9383 Background



This preview shows how black text looks on a background with the HunterLab color 12.6064, 31.1210, -82.9383.



This preview shows how white text looks on a background with the HunterLab color 12.6064, 31.1210, -82.9383.

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

12.6064, 31.1210, -82.9383

Protanopia

13.6344, 2.3384, -22.0897

Deuteranopia

13.5377, -1.5441, -13.5878

Trichromacy



Original Color

12.6064, 31.1210, -82.9383

Protanomaly

12.2614, 13.0159, -43.4232

Deuteranomaly

12.1325, 9.8443, -36.4156

Monochromacy



Original Color

12.6064, 31.1210, -82.9383

Achromatopsia

7.4869, -0.3995, 0.4068

Achromatomaly

8.0282, 8.0902, -22.5424

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6064, 31.1210, -82.9383 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, 5, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 5, 125)  
}
```

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, 5, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 5, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6064, 31.1210, -82.9383 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, 5, 125) }
```

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

```
.border{ border-color:rgb(0, 5, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 5, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 5, 125); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 5, 125); box-shadow:4px  
4px 4px 4px rgb(0, 5, 125) }
```


Background

The CSS property to change the background color of an element to HunterLab 12.6064, 31.1210, -82.9383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 5, 125) }
```

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

```
.background{ background-color: rgb(0, 5,  
125) }
```

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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