

Converting Colors

HunterLab(12.7100, 30.6567,
-82.0609)

Have a look what the booklet for
HunterLab(12.7100, 30.6567,
-82.0609) contains.

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Color

**HunterLab(12.6922, 30.7640,
-82.2747)**

Conversions

Conversions Part 1

Format	Color
Hex	00067D
RGB	0, 6, 125
RGB Percent	0%, 2%, 49%
CMY	0.9999, 0.9765, 0.5098
CMYK	1.00, 0.95, 0.00, 0.51
HSL	237°, 100%, 25%
HSV	237°, 100%, 49%
XYZ	3.7668, 1.6109, 19.5144
YIQ	17.7720, -41.7750, 35.7370

Conversions

Conversions Part 2

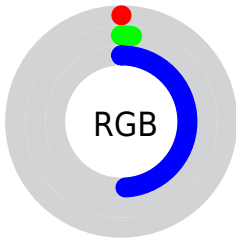
Format	Color
RYB	0, 6, 125
Decimal	1661
CIELab	13.30, 44.19, -62.25
CIELCh	13, 76.343, 305.373
Yxy	1.6109, 0.1513, 0.0647
Android (android.graphics.Color)	4278191741 (0xFF00067D)
YUV	17.7720, 52.8634, -15.5860
Hunter-Lab	12.6922, 30.7640, -82.2747

Details

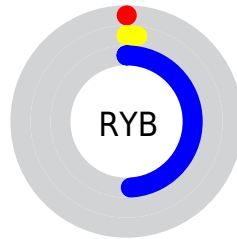
The HunterLab color **12.6922, 30.7640, -82.2747** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **41.9032, -9.1907, 25.6590**, and the grayscale version is **7.5715, -0.4040, 0.4114**.

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 **12.6905, 30.7713, -82.2883**, and if you desaturate by 10%, it is **14.1134, 26.8435, -72.3411**.

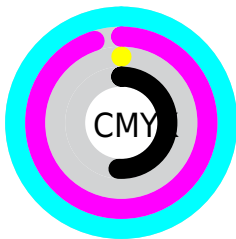
Distribution



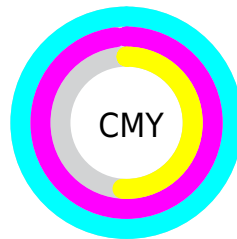
- Red (0%)
- Green (2%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6922, 30.7640, -82.2747 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 12.6922, 30.7640, -82.2747 by changing the saturation by 10% instead.

■ 12.6922, 30.7640,
-82.2747

■ 12.6922, 30.7640,
-82.2747

■ 104.2928, 44.0856,
-75.8222

■ 6.0410, 35.8525,
-112.1921

■ 27.7036, 34.3704,
-73.5969

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.5474, 36.0950,
-72.6781

0.0000, NaN, -NF

■ 46.1721, 37.7038,
-72.5693

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.5189, 39.1937,
-72.9005

0.0000, NaN, NaN

■ 67.5405, 40.5697,
-73.4795

0.0000, NaN, NaN

■ 79.1979, 41.8387,


0.0000, NaN, NaN


-74.1982


 91.4581, 43.0084,
-74.9924


 12.6922, 30.7640,
-82.2747


 12.6922, 30.7640,
-82.2747


 12.6905, 30.7713,
-82.2883

 14.1134, 26.8435,
-72.3411

 16.1430, 22.1959,
-60.9244

 18.7574, 17.6171,
-49.4612

 21.8191, 13.5088,
-39.0409

 25.2199, 9.9409,
-29.8985

■ 28.8827, 6.8509,
-21.9111

■ 32.7539, 4.1466,
-14.8656

■ 36.7959, 1.7432,
-8.5591

■ 40.9816, -0.4277,
-2.8247

Harmonies

Analogous

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



12.6922, 3.1898, -119.8763



12.6922, 30.7640, -82.2747



12.6922, 57.9101, -26.5891

Triad

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



12.6922, 30.7663, -82.2751



12.6922, 20.0415, 8.8845



12.6922, -22.2113, -3.3032

Complementary

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



12.6922, 30.7640, -82.2747



41.9032, -9.1907, 25.6590

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.



12.6922, -22.2113, 8.8845



12.6922, 30.7640, -82.2747



12.6922, -4.1316, 8.8845

Square

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



12.6922, 30.7663, -82.2751



12.6922, 49.4464, 8.8845



12.6922, -17.7076, 8.8845



12.6922, -22.2113, -45.1215

Rectangle

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



12.6922, 30.7640, -82.2747



12.6922, 66.4194, -2.6868



12.6922, -17.7076, 8.8845



12.6922, -22.2113, 3.3376

Sweetspot

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



12.6922, 30.7663, -82.2751



43.4401, 5.8010, -20.5523



39.9917, -22.4557, -1.5091



19.8572, 3.3416, -11.3026



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.



12.6922, 30.7663, -82.2751



16.7958, 41.9564, -111.5651



15.2619, 35.8321, -65.3425



20.5966, -0.3026, -1.1694



12.9529, 31.4856, -84.1583

0.0000, NaN, NaN

Inverse Universe

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



20.9129, 35.8725, 13.0264



27.9728, 47.9654, 17.6012



39.9045, -26.1263, 24.1309



20.8503, 0.6281, 1.5969

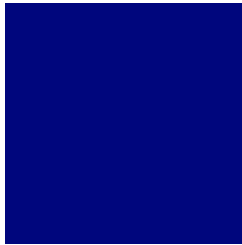


21.3632, 36.6478, 13.3194

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 12.6922, 30.7640, -82.2747 looks on a white background.

Color Contrast Check

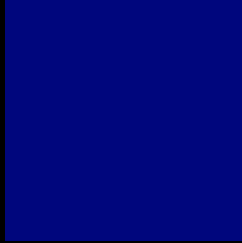
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.6922, 30.7640, -82.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

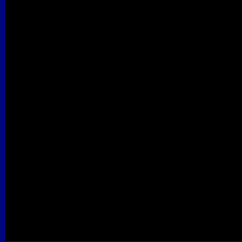
Any Text WCAG AA × Fail

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 12.6922, 30.7640, -82.2747 Background



This preview shows how black text looks on a background with the HunterLab color 12.6922, 30.7640, -82.2747.



This preview shows how white text looks on a background with the HunterLab color 12.6922, 30.7640, -82.2747.

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

12.6922, 30.7640, -82.2747

Protanopia

13.6344, 2.3384, -22.0897

Deuteranopia

13.5377, -1.5441, -13.5878



Tritanopia

13.5565, -6.8358, -2.1879

Trichromacy



Original Color

12.6922, 30.7640, -82.2747

Protanomaly

12.4376, 12.5314, -42.5975

Deuteranomaly

12.1325, 9.8443, -36.4156

Tritanomaly

11.6609, 4.7278, -24.7812

Monochromacy



Original Color

12.6922, 30.7640, -82.2747

Achromatopsia

7.7774, -0.4150, 0.4226

Achromatomaly

8.2500, 7.9250, -22.5963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6922, 30.7640, -82.2747 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, 6, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 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, 6, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6922, 30.7640, -82.2747 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, 6, 125) }
```


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

```
.border{ border-color:rgb(0, 6, 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, 6, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 125); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 125); box-shadow:4px  
4px 4px 4px rgb(0, 6, 125) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6922, 30.7640, -82.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 125) }
```

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

```
.background{ background-color: rgb(0, 6,  
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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