

Converting Colors

HunterLab(8.6840, 36.6428,
-118.0593)

Have a look what the booklet for
HunterLab(8.6840, 36.6428,
-118.0593) contains.

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Color

**HunterLab(11.7494, 31.8702,
-83.4842)**

Conversions

Conversions Part 1

Format	Color
Hex	000079
RGB	0, 0, 121
RGB Percent	0%, 0%, 47%
CMY	0.9999, 1.0000, 0.5255
CMYK	1.00, 1.00, 0.00, 0.53
HSL	240°, 100%, 24%
HSV	240°, 100%, 47%
XYZ	3.4512, 1.3805, 18.1738
YIQ	13.7940, -38.8410, 37.6310

Conversions

Conversions Part 2

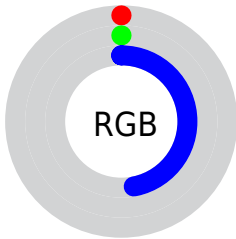
Format	Color
RYB	0, 0, 121
Decimal	121
CIELab	11.83, 45.63, -62.14
CIELCh	12, 77.091, 306.288
Yxy	1.3806, 0.1500, 0.0600
Android (android.graphics.Color)	4278190201 (0xFF000079)
YUV	13.7940, 52.8526, -12.0973
Hunter-Lab	11.7494, 31.8702, -83.4842

Details

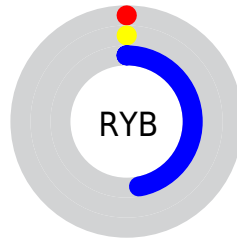
The HunterLab color **11.7494, 31.8702, -83.4842** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **42.1174, -11.3175, 25.7544**, and the grayscale version is **6.4328, -0.3432, 0.3495**.

A 20% lighter version of the original color is **26.4523, 35.6591, -73.9811**, and **6.7449, 18.2955, -47.9251** is the 20% darker color. If you saturate the color by 10%, you get **11.7498, 31.8706, -83.4810**, and if you desaturate by 10%, it is **13.1333, 27.8091, -73.0839**.

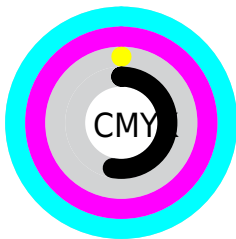
Distribution



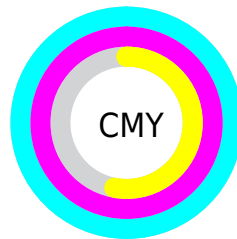
- Red (0%)
- Green (0%)
- Blue (47%)



- Red (0%)
- Yellow (0%)
- Blue (47%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7494, 31.8702, -83.4842 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 11.7494, 31.8702, -83.4842 by changing the saturation by 10% instead.

■ 11.7494, 31.8702,
-83.4842

■ 11.7494, 31.8702,
-83.4842

■ 102.3728, 45.6722,
-75.5135

■ 4.4983, 47.5522,
-140.5733

■ 26.4749, 35.4958,
-73.6252

0.0000, INF, -NF

0.0000, NaN, -NF

■ 35.1980, 37.2813,
-72.5487

0.0000, NaN, -NF

■ 44.7120, 38.9574,
-72.3577

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.9560, 40.5163,
-72.6435

0.0000, NaN, NaN

■ 65.8811, 41.9606,
-73.1967

0.0000, NaN, NaN

■ 77.4473, 43.2966,

0.0000, NaN, NaN


-73.9009

 89.6209, 44.5315,
-74.6873


 11.7494, 31.8702,
-83.4842


 11.7494, 31.8702,
-83.4842


 11.7498, 31.8706,
-83.4810

 13.1333, 27.8091,
-73.0839

 14.9627, 23.4871,
-62.0478

 17.4389, 18.9169,
-50.4241

 20.4099, 14.6837,
-39.7151

 23.7516, 10.9491,
-30.3280

■ 27.3758, 7.6816,
-22.1741

■ 31.2216, 4.7966,
-15.0290

■ 35.2471, 2.2095,
-8.6706

■ 39.4227, -0.1491,
-2.9160

Harmonies

Analogous

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



11.7498, 3.8853, -124.6476



11.7494, 31.8702, -83.4842



11.7498, 59.3336, -25.6110

Triad

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



11.7498, 31.8706, -83.4810



11.7498, 19.1684, 8.2249



11.7498, -20.5622, -4.1110

Complementary

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



11.7494, 31.8702, -83.4842



42.1174, -11.3175, 25.7544

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.



11.7498, -20.5622, 8.2249



11.7494, 31.8702, -83.4842



11.7498, -4.5478, 8.2249

Square

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



11.7498, 31.8706, -83.4810



11.7498, 49.1758, 8.2249



11.7498, -18.5757, 8.2249



11.7498, -20.5622, -48.1011

Rectangle

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



11.7494, 31.8702, -83.4842



11.7498, 67.5864, -1.9825



11.7498, -18.5757, 8.2249



11.7498, -20.5622, 2.7691

Sweetspot

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



11.7498, 31.8706, -83.4810



41.3855, 6.6929, -20.7883



38.8012, -20.5705, -4.0923



18.9493, 3.8037, -11.4316



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



11.7498, 31.8706, -83.4810



15.7232, 42.6484, -111.7138



15.3519, 35.2826, -59.7847



19.7321, -0.1769, -1.1949



12.1634, 32.9925, -86.4199



26.5651, 72.0571, -188.7503

Inverse Universe

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



23.3347, 45.8757, -30.7680



31.2260, 61.3898, -41.1727



38.2768, -26.2671, 23.1261



20.1929, 1.3871, -0.5787



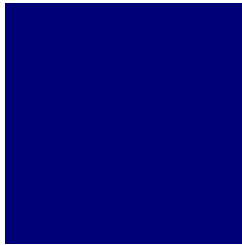
24.1562, 47.4906, -31.8511



52.7583, 103.7218, -69.5632

Previews

White Background



This preview shows how the HunterLab color 11.7494, 31.8702, -83.4842 looks on a white background.

Color Contrast Check

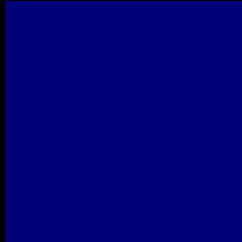
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7494, 31.8702, -83.4842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

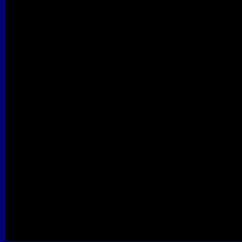
Any Text WCAG AA × Fail

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 11.7494, 31.8702, -83.4842 Background



This preview shows how black text looks on a background with the HunterLab color 11.7494, 31.8702, -83.4842.



This preview shows how white text looks on a background with the HunterLab color 11.7494, 31.8702, -83.4842.

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

11.7494, 31.8702, -83.4842

Protanopia

13.0249, 2.3825, -21.4232

Deuteranopia

13.2103, -1.6292, -12.9947



Tritanopia

13.2403, -6.8461, -1.7703

Trichromacy



Original Color

11.7494, 31.8702, -83.4842

Protanomaly

11.5289, 13.5034, -43.5600

Deuteranomaly

11.3726, 10.3413, -36.5387

Tritanomaly

10.9258, 5.4961, -25.5208

Monochromacy



Original Color

11.7494, 31.8702, -83.4842

Achromatopsia

6.6268, -0.3536, 0.3600

Achromatomaly

7.1449, 8.8056, -23.3931

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7494, 31.8702, -83.4842 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, 0, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 121)  
}
```

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, 0, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7494, 31.8702, -83.4842 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, 0, 121) }
```


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

```
.border{ border-color:rgb(0, 0, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 121); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 121); box-shadow:4px  
4px 4px 4px rgb(0, 0, 121) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.7494, 31.8702, -83.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 121) }
```

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

```
.background{ background-color: rgb(0, 0,  
121) }
```

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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