

Converting Colors

HunterLab(31.0063, 70.9674,
-118.5465)

Have a look what the booklet for
HunterLab(31.0063, 70.9674,
-118.5465) contains.

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Color

**HunterLab(31.0016, 70.9802,
-118.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	7900E3
RGB	121, 0, 227
RGB Percent	47%, 0%, 89%
CMY	0.5255, 1.0000, 0.1098
CMYK	0.47, 1.00, 0.00, 0.11
HSL	272°, 100%, 45%
HSV	272°, 100%, 89%
XYZ	21.7503, 9.6110, 73.3818
YIQ	62.0570, -0.7510, 96.2490

Conversions

Conversions Part 2

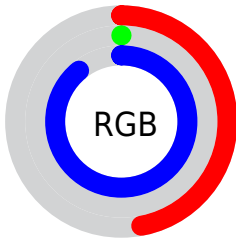
Format	Color
R_{YB}	121, 0, 227
Decimal	7930083
CIE _{Lab}	37.14, 76.80, -83.74
CIE _{LCh}	37, 113.622, 312.525
Yxy	9.6114, 0.2077, 0.0918
Android (android.graphics.Color)	4286120163 (0xFF7900E3)
YUV	62.0570, 81.3169, 51.6930
Hunter-Lab	31.0016, 70.9802, -118.6402

Details

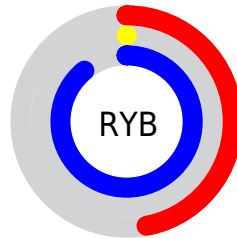
The HunterLab color **31.0016, 70.9802, -118.6402** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **76.1592, -54.9672, 45.9667**, and the grayscale version is **21.6959, -1.1576, 1.1788**.

A 20% lighter version of the original color is **47.8323, 66.9625, -86.6238**, and **19.1289, 47.9306, -105.2481** is the 20% darker color. If you saturate the color by 10%, you get **31.0022, 70.9809, -118.6377**, and if you desaturate by 10%, it is **33.1974, 68.9051, -108.1307**.

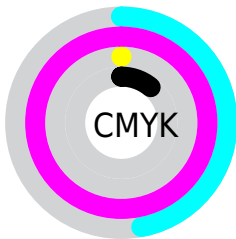
Distribution



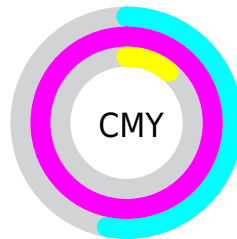
- Red (47%)
- Green (0%)
- Blue (89%)



- Red (47%)
- Yellow (0%)
- Blue (89%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)














- Cyan (53%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0016, 70.9802, -118.6402 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 31.0016, 70.9802, -118.6402 by changing the saturation by 10% instead.

 31.0016, 70.9802, -118.6402	 31.0016, 70.9802, -118.6402
137.0676, 90.7798, -116.6319	 22.6761, 68.8651, -124.7811
 50.0619, 75.7528, -113.8814	 15.2671, 67.4625, -137.0632
 60.6728, 78.1406, -113.2555	 8.8880, 68.4423, -165.3240
 71.9428, 80.4643, -113.2160	0.0000, INF, -NF
	0.0000, NaN, -NF
 83.8352, 82.7064, -113.5519	0.0000, NaN, -NF
	0.0000, NaN, -NF
 96.3191, 84.8598, -114.1328	0.0000, NaN, -NF
	0.0000, NaN, NaN
 109.3676, 86.9225,	

-114.8744

122.9574, 88.8950,
-115.7203

■ 31.0016, 70.9802,
-118.6402

■ 31.0016, 70.9802,
-118.6402

■ 31.0022, 70.9809,
-118.6377

■ 33.1974, 68.9051,
-108.1307

■ 36.3625, 64.0422,
-94.9680

■ 40.5532, 56.8469,
-80.2667

■ 45.6325, 48.3529,
-65.4589

■ 51.4463, 39.3254,
-51.3640

■ 57.8582, 30.2033,
-38.2910

■ 64.7588, 21.1945,
-26.2610

■ 72.0638, 12.3756,
-15.1695

■ 79.7087, 3.7577,
-4.8749

Harmonies

Analogous

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



31.0022, 17.2132, -194.5385



31.0016, 70.9802, -118.6402



31.0022, 113.9188, -30.0350

Triad

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



31.0022, 70.9809, -118.6377



31.0022, 25.5261, 21.7015



31.0022, -47.0396, -19.1956

Complementary

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



31.0016, 70.9802, -118.6402



76.1592, -54.9672, 45.9667

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.



31.0022, -46.5642, 16.7546



31.0016, 70.9802, -118.6402



31.0022, -16.8718, 21.7015

Square

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



31.0022, 70.9809, -118.6377



31.0022, 79.6985, 21.7015



31.0022, -38.8081, 21.7015



31.0022, -40.8251, -102.6304

Rectangle

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



31.0016, 70.9802, -118.6402



31.0022, 121.7117, 4.7927



31.0022, -38.8081, 21.7015



31.0022, -47.5045, -1.7763

Sweetspot

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



31.0022, 70.9809, -118.6377



73.7316, 24.3788, -30.2173



40.7884, 13.5659, -80.2668



32.5394, 13.2864, -16.6142

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.0022, 70.9809, -118.6377



35.2823, 80.8849, -135.8265



46.5515, 91.1904, -58.8300



37.7670, 1.5549, -2.0457



23.8233, 54.3746, -89.8492



6.8889, 15.2670, -22.4433

Inverse Universe

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



41.6791, 73.8731, 7.5802



47.5327, 84.2068, 8.9664



74.1260, -63.5231, 44.4771



38.0519, 2.1584, 1.1031



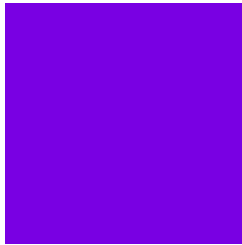
31.8656, 56.5476, 5.2670



8.7692, 15.7607, -0.0949

Previews

White Background



This preview shows how the HunterLab color 31.0016, 70.9802, -118.6402 looks on a white background.

Color Contrast Check

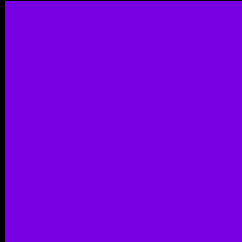
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0016, 70.9802, -118.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

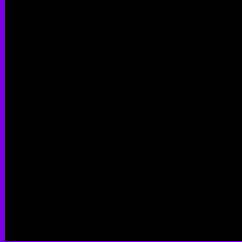
Any Text WCAG AA × Fail

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 31.0016, 70.9802, -118.6402 Background



This preview shows how black text looks on a background with the HunterLab color 31.0016, 70.9802, -118.6402.



This preview shows how white text looks on a background with the HunterLab color 31.0016, 70.9802, -118.6402.

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

31.0016, 70.9802, -118.6402

Protanopia

31.6098, 10.5735, -62.3347

Deuteranopia

31.6557, -0.4557, -38.5831



Tritanopia

31.4331, -0.6068, -1.0629

Trichromacy



Original Color

31.0016, 70.9802, -118.6402

Protanomaly

27.1018, 35.5455, -99.5568

Deuteranomaly

26.4568, 27.5327, -81.1838

Tritanomaly

27.4242, 27.6903, -38.7987

Monochromacy



Original Color

31.0016, 70.9802, -118.6402

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.6684, 26.3819, -36.5670

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0016, 70.9802, -118.6402 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(121, 0, 227)` looks like.

```
.text, #text, p{  
    color:rgb(121, 0, 227)  
}
```

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(121, 0, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 0, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0016, 70.9802, -118.6402 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(121, 0, 227) }
```


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

```
.border{ border-color:rgb(121, 0, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 0, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 0, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 0, 227);  
box-shadow:4px 4px 4px 4px rgb(121, 0,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.0016, 70.9802, -118.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 0, 227) }
```

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

```
.background{ background-color: rgb(121, 0,  
227) }
```

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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