

Converting Colors

HunterLab(6.9850, 16.4307,
-30.1270)

Have a look what the booklet for
HunterLab(6.9850, 16.4307,
-30.1270) contains.

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Color

**HunterLab(6.9738, 16.4706,
-30.5921)**

Conversions

Conversions Part 1

Format	Color
Hex	16003B
RGB	22, 0, 59
RGB Percent	9%, 0%, 23%
CMY	0.9137, 1.0000, 0.7686
CMYK	0.63, 1.00, 0.00, 0.77
HSL	262°, 100%, 12%
HSV	262°, 100%, 23%
XYZ	1.1203, 0.4863, 4.1725
YIQ	13.3040, -5.8270, 23.0130

Conversions

Conversions Part 2

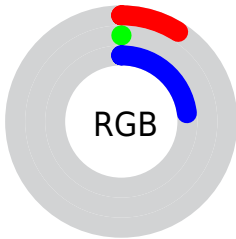
Format	Color
R_YB	22, 0, 59
Decimal	1441851
CIE Lab	4.39, 25.89, -32.27
CIE LCh	4, 41.369, 308.740
Yxy	0.4864, 0.1939, 0.0842
Android (android.graphics.Color)	4279631931 (0xFF16003B)
YUV	13.3040, 22.5281, 7.6264
Hunter-Lab	6.9738, 16.4706, -30.5921

Details

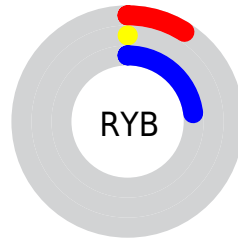
The HunterLab color **6.9738, 16.4706, -30.5921** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **18.7649, -10.7045, 11.3754**, and the grayscale version is **6.3696, -0.3399, 0.3461**.

A 20% lighter version of the original color is **20.5922, 16.9965, -27.0636**, and **2.2531, 2.6721, -8.5845** is the 20% darker color. If you saturate the color by 10%, you get **6.9740, 16.4708, -30.5914**, and if you desaturate by 10%, it is **8.1213, 13.7428, -24.9626**.

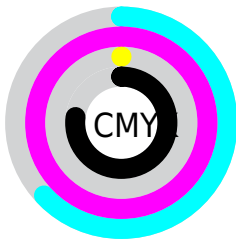
Distribution



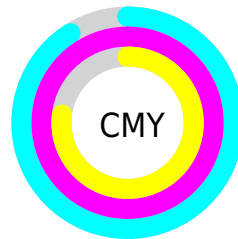
- Red (9%)
- Green (0%)
- Blue (23%)



- Red (9%)
- Yellow (0%)
- Blue (23%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (77%)



- Cyan (91%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 6.9738, 16.4706, -30.5921 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 6.9738, 16.4706, -30.5921 by changing the saturation by 10% instead.

6.9738, 16.4706,
-30.5921

6.9738, 16.4706,
-30.5921

92.8382, 22.1741,
-30.8880

0.0000, INF, -NF

0.0000, NaN, -NF

20.5483, 16.8806,
-27.1823

0.0000, NaN, NaN

28.6333, 17.9929,
-27.6315

0.0000, NaN, NaN

37.5661, 18.9626,
-28.2092

0.0000, NaN, NaN

0.0000, NaN, NaN

47.2726, 19.8058,
-28.8125

0.0000, NaN, NaN

57.6956, 20.5373,
-29.3973

0.0000, NaN, NaN

0.0000, NaN, NaN

68.7887, 21.1694,

-29.9433

■ 80.5137, 21.7122,
-30.4415

■ 6.9738, 16.4706,
-30.5921

■ 6.9738, 16.4706,
-30.5921

■ 6.9740, 16.4708,
-30.5914

■ 8.1213, 13.7428,
-24.9626

■ 9.1705, 11.9142,
-20.8918

■ 10.3137, 10.1847,
-17.2526

■ 11.5858, 8.4384,
-13.8876

■ 12.9631, 6.7242,
-10.8191

■ 14.4272, 5.0605,
-8.0257

■ 15.9638, 3.4500,
-5.4702

■ 17.5623, 1.8883,
-3.1139

■ 19.2141, 0.3687,
-0.9217

Harmonies

Analogous

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



6.9740, 3.5554, -46.0118



6.9738, 16.4706, -30.5921



6.9740, 27.1511, -9.7222

Triad

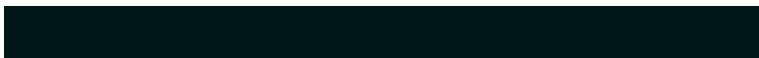
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6.9740, 16.4708, -30.5914



6.9740, 9.0000, 4.8818



6.9740, -12.2044, -3.3569

Complementary

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



6.9738, 16.4706, -30.5921



18.7649, -10.7045, 11.3754

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.



6.9740, -12.2044, 4.8818



6.9738, 16.4706, -30.5921



6.9740, -4.3004, 4.8818

Square

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



6.9740, 16.4708, -30.5914



6.9740, 21.5686, 4.8818



6.9740, -12.2044, 4.8818



6.9740, -12.2044, -21.4462

Rectangle

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



6.9738, 16.4706, -30.5921



6.9740, 29.8288, -0.1609



6.9740, -12.2044, 4.8818



6.9740, -12.2044, 0.9201

Sweetspot

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



6.9740, 16.4708, -30.5914



20.3791, 4.7479, -7.5183



12.8912, -2.3096, -11.1271



10.4166, 2.5873, -4.0941



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



6.9740, 16.4708, -30.5914



8.8497, 21.1303, -40.5989



10.1146, 20.4433, -17.6640



10.7809, 0.0787, -0.3336



10.8398, 26.0767, -51.2376



26.6320, 65.3803, -136.0616

Inverse Universe

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



10.3120, 18.9547, -3.3765



13.3050, 24.3874, -3.8222



17.8289, -14.5565, 10.7312



10.8857, 0.3815, 0.2200



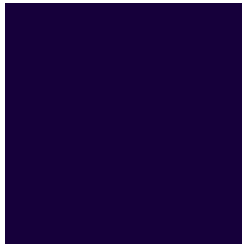
16.4794, 30.1481, -4.2855



41.6815, 75.8614, -7.7982

Previews

White Background



This preview shows how the HunterLab color 6.9738, 16.4706, -30.5921 looks on a white background.

Color Contrast Check

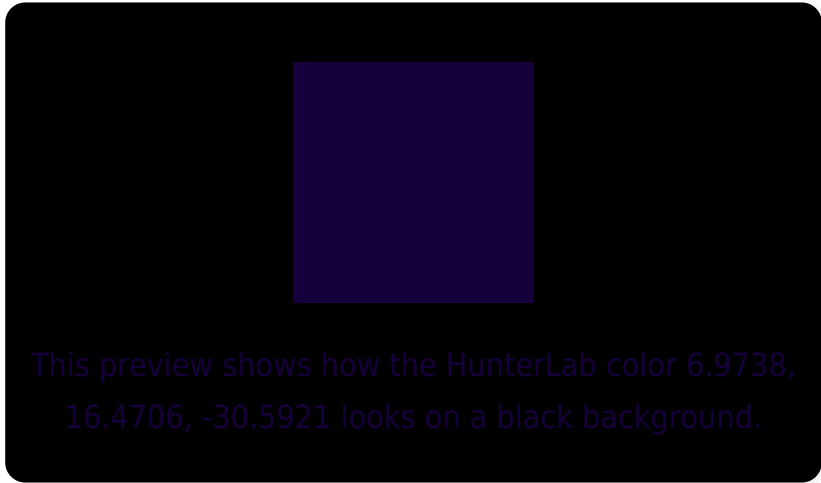
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

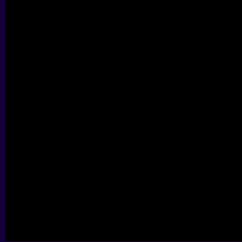
Any Text WCAG AA × Fail

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 6.9738, 16.4706, -30.5921 Background



This preview shows how black text looks on a background with the HunterLab color 6.9738, 16.4706, -30.5921.



This preview shows how white text looks on a background with the HunterLab color 6.9738, 16.4706,

-30.5921.

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

6.9738, 16.4706, -30.5921

Protanopia

8.1265, 0.0645, -10.2967

Deuteranopia

8.1097, -1.6122, -6.6562



Tritanopia

8.2386, -4.2069, -1.2161

Trichromacy



Original Color

6.9738, 16.4706, -30.5921

Protanomaly

7.4355, 5.6543, -17.6166

Deuteranomaly

7.2203, 4.6376, -15.0370

Tritanomaly

7.2584, 2.1734, -9.7863

Monochromacy



Original Color

6.9738, 16.4706, -30.5921

Achromatopsia

6.3441, -0.3385, 0.3447

Achromatomaly

6.1446, 4.7846, -7.9819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 6.9738, 16.4706, -30.5921 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(22, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(22, 0, 59)  
}
```

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(22, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 0, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 6.9738, 16.4706, -30.5921 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(22, 0, 59) }
```


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

```
.border{ border-color:rgb(22, 0, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 0, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 0, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 0, 59); box-shadow:4px  
4px 4px 4px rgb(22, 0, 59) }
```

Background

The CSS property to change the background color of an element to HunterLab 6.9738, 16.4706, -30.5921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 0, 59) }
```

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

```
.background{ background-color: rgb(22, 0,  
59) }
```

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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