

Converting Colors

HunterLab(18.8730, 22.4867,
-72.1320)

Have a look what the booklet for
HunterLab(18.8730, 22.4867,
-72.1320) contains.

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Color

**HunterLab(18.8730, 22.4867,
-72.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	002891
RGB	0, 40, 145
RGB Percent	0%, 16%, 57%
CMY	0.9999, 0.8431, 0.4314
CMYK	1.00, 0.72, 0.00, 0.43
HSL	223°, 100%, 28%
HSV	223°, 100%, 57%
XYZ	5.8696, 3.5619, 27.1661
YIQ	40.0100, -57.5450, 24.1750

Conversions

Conversions Part 2

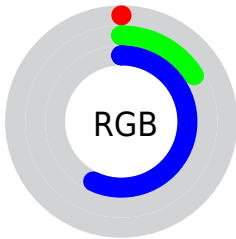
Format	Color
RYB	0, 31, 145
Decimal	10385
CIELab	22.17, 33.12, -60.10
CIELCh	22, 68.626, 298.860
Yxy	3.5620, 0.1604, 0.0973
Android (android.graphics.Color)	4278200465 (0xFF002891)
YUV	40.0100, 51.7601, -35.0888
Hunter-Lab	18.8730, 22.4867, -72.1320

Details

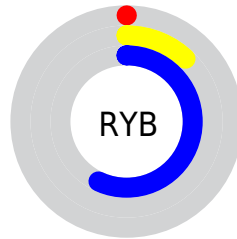
The HunterLab color **18.8730, 22.4867, -72.1320** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **40.1592, 4.0879, 24.8166**, and the grayscale version is **14.4230, -0.7696, 0.7836**.

A 20% lighter version of the original color is **35.4287, 25.3131, -69.1719**, and **8.8900, 24.1140, -63.1669** is the 20% darker color. If you saturate the color by 10%, you get **18.8700, 22.4956, -72.1474**, and if you desaturate by 10%, it is **21.1332, 17.5997, -61.8247**.

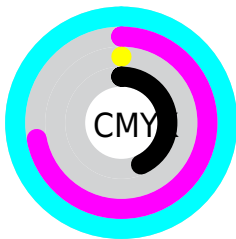
Distribution



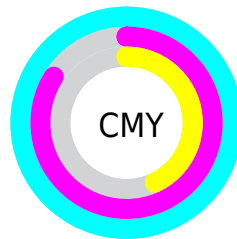
- Red (0%)
- Green (16%)
- Blue (57%)



- Red (0%)
- Yellow (12%)
- Blue (57%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (84%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8730, 22.4867, -72.1320 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 18.8730, 22.4867, -72.1320 by changing the saturation by 10% instead.

■ 18.8730, 22.4867,
-72.1320

■ 18.8730, 22.4867,
-72.1320

■ 116.1387, 31.4067,
-73.0030

■ 11.9653, 20.9213,
-78.1644

■ 35.5081, 25.2734,
-68.9139

■ 4.8979, 29.7689,
-122.4758

■ 45.0478, 26.4649,
-68.8685

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.3156, 27.5345,
-69.2389

0.0000, NaN, -NF

■ 66.2631, 28.4933,
-69.8392

0.0000, NaN, NaN

■ 77.8504, 29.3516,
-70.5659

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.0440, 30.1183,

-71.3581

0.0000, NaN, NaN

102.8151, 30.8012,
-72.1784

18.8730, 22.4867,
-72.1320

18.8730, 22.4867,
-72.1320

18.8700, 22.4956,
-72.1474

21.1332, 17.5997,
-61.8247

23.7561, 13.1800,
-51.9880

26.7209, 9.4487,
-42.8084

29.9665, 6.3788,
-34.4246

33.4434, 3.8871,
-26.8155

■ 37.1131, 1.8790,
-19.8935

■ 40.9459, 0.2682,
-13.5540

■ 44.9190, -1.0181,
-7.6974

■ 49.0144, -2.0386,
-2.2374

Harmonies

Analogous

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



18.8731, -1.7989, -90.6311



18.8730, 22.4867, -72.1320



18.8731, 46.9915, -31.2273

Triad

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



18.8731, 22.4884, -72.1317



18.8731, 24.5058, 13.2112



18.8731, -26.8092, 1.7703

Complementary

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



18.8730, 22.4867, -72.1320



40.1592, 4.0879, 24.8166

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.



18.8731, -24.5170, 12.6116



18.8730, 22.4867, -72.1320



18.8731, -0.2039, 13.2112

Square

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



18.8731, 22.4884, -72.1317



18.8731, 48.4691, 12.0921



18.8731, -16.7162, 13.2112



18.8731, -24.8425, -28.1860

Rectangle

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



18.8730, 22.4867, -72.1320



18.8731, 56.5948, -7.9214



18.8731, -16.7162, 13.2112



18.8731, -26.5138, 7.0080

Sweetspot

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



18.8731, 22.4884, -72.1317



54.4607, 0.4829, -18.6607



46.0965, -31.7986, 11.0290



24.7714, 0.5876, -10.2695



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



18.8731, 22.4884, -72.1317



24.7387, 31.6194, -99.1783



15.3065, 39.5607, -93.6401



23.4137, -1.0019, -0.8566



17.5878, 20.5113, -66.2612



2.5011, 0.2482, -3.6620

Inverse Universe

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



24.8463, 43.1619, 11.2758



33.2095, 57.6198, 15.6651



48.7860, -23.1332, 29.6560



23.3388, 0.9636, 1.2142



23.0187, 40.0078, 10.3194



2.3235, 4.1781, -0.0408

Previews

White Background



This preview shows how the HunterLab color 18.8730, 22.4867, -72.1320 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 18.8730, 22.4867, -72.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

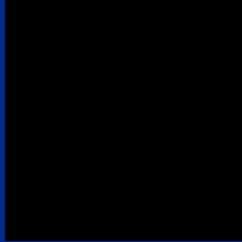
Any Text WCAG AA × Fail

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 18.8730, 22.4867, -72.1320 Background



This preview shows how black text looks on a background with the HunterLab color 18.8730, 22.4867, -72.1320.



This preview shows how white text looks on a background with the HunterLab color 18.8730, 22.4867, -72.1320.

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

18.8730, 22.4867, -72.1320

Deuteranopia

19.0228, -1.4802, -20.5814

Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

18.8730, 22.4867, -72.1320

Deuteranomaly

18.5770, 6.5516, -37.3627

Tritanomaly

18.2661, -0.2170, -22.3625

Monochromacy



Original Color

18.8730, 22.4867, -72.1320

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.0808, 3.6115, -18.9811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8730, 22.4867, -72.1320 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, 40, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 145)  
}
```

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, 40, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8730, 22.4867, -72.1320 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, 40, 145) }
```

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

```
.border{ border-color:rgb(0, 40, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 40, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 40, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 40, 145)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 18.8730, 22.4867, -72.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 145) }
```

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

```
.background{ background-color: rgb(0, 40,  
145) }
```

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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