

Converting Colors

HunterLab(15.1523, 80.7020,
-13.0834)

Have a look what the booklet for
HunterLab(15.1523, 80.7020,
-13.0834) contains.

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Color

**HunterLab(23.1806, 41.7159,
-0.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	840048
RGB	132, 0, 72
RGB Percent	52%, 0%, 28%
CMY	0.4824, 0.9999, 0.7176
CMYK	0.00, 1.00, 0.45, 0.48
HSL	327°, 100%, 26%
HSV	327°, 100%, 52%
XYZ	10.6854, 5.3734, 6.6049
YIQ	47.6760, 55.5600, 50.3760

Conversions

Conversions Part 2

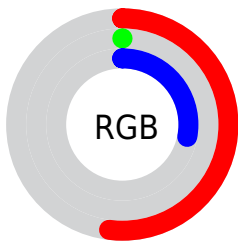
Format	Color
RYB	132, 0, 72
Decimal	8650824
CIELab	27.77, 52.64, -3.11
CIELCh	28, 52.729, 356.617
Yxy	5.3737, 0.4715, 0.2371
Android (android.graphics.Color)	4286840904 (0xFF840048)
YUV	47.6760, 11.9917, 73.9521
Hunter-Lab	23.1806, 41.7159, -0.6671

Details

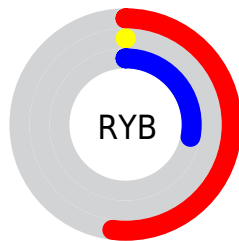
The HunterLab color **23.1806, 41.7159, -0.6671** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **41.0231, -32.3363, 18.5308**, and the grayscale version is **17.0354, -0.9090, 0.9256**.

A 20% lighter version of the original color is **40.8455, 45.7077, 0.1756**, and **12.7484, 22.5278, 2.8438** is the 20% darker color. If you saturate the color by 10%, you get **23.1804, 41.7152, -0.6645**, and if you desaturate by 10%, it is **23.9770, 40.2109, -2.3451**.

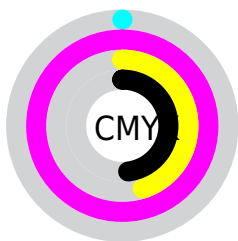
Distribution



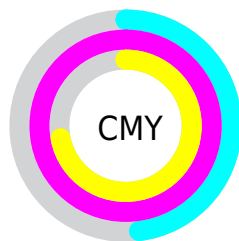
- Red (52%)
- Green (0%)
- Blue (28%)



- Red (52%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (48%)








- Cyan (48%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 23.1806, 41.7159, -0.6671 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 23.1806, 41.7159, -0.6671 by changing the saturation by 10% instead.


 23.1806, 41.7159, -0.6671	 23.1806, 41.7159, -0.6671
123.8428, 56.3386, 3.4618	 15.7104, 39.7868, -0.8590
 40.7642, 45.6452, -0.0789	 9.2770, 38.3644, -0.9670
 50.7187, 47.4853, 0.2988	0.0000, INF, NaN
 61.3729, 49.2170, 0.7247	0.0000, NaN, NaN
 72.6836, 50.8399, 1.1950	0.0000, NaN, NaN
 84.6147, 52.3580, 1.7063	0.0000, NaN, NaN
 97.1354, 53.7766,	0.0000, NaN, NaN


2.2559


0.0000, NaN, NaN


 110.2192, 55.1016,
2.8417


 23.1806, 41.7159,
-0.6671


 23.1806, 41.7159,
-0.6671


 23.1804, 41.7152,
-0.6645

 23.9770, 40.2109,
-2.3451

 25.1056, 37.7915,
-3.6772

 26.7123, 34.1570,
-4.4127

 28.7740, 29.6201,
-4.5550

 31.2458, 24.5170,
-4.1716

■ 34.0753, 19.1231,
-3.3556

■ 37.2113, 13.6283,
-2.1993

■ 40.6085, 8.1470,
-0.7809

■ 44.2284, 2.7393,
0.8382

Harmonies

Analogous

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



23.1813, 33.2191, -23.4813



23.1806, 41.7159, -0.6671



23.1813, 36.2184, 11.3749

Triad

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



23.1813, 41.7135, -0.6663



23.1813, -14.2384, 16.0936



23.1813, -16.7340, -43.1798

Complementary

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



23.1806, 41.7159, -0.6671



41.0231, -32.3363, 18.5308

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.



23.1813, -23.9648, -17.6487



23.1806, 41.7159, -0.6671



23.1813, -22.8457, 12.7360

Square

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



23.1813, 41.7135, -0.6663



23.1813, 0.7397, 16.2269



23.1813, -25.8248, 3.0374



23.1813, -3.1518, -56.9638

Rectangle

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



23.1806, 41.7159, -0.6671



23.1813, 26.0353, 14.5167



23.1813, -25.8248, 3.0374



23.1813, -19.8169, -35.0687

Sweetspot

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



23.1813, 41.7135, -0.6663



49.0925, 18.5849, -3.0356



16.1511, 37.9686, -69.5192



22.9464, 10.2397, -1.7494



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



23.1813, 41.7135, -0.6663



30.7159, 55.1853, -0.1786



22.1818, 38.0487, 13.8268



21.7440, 1.1127, 0.4807



22.8119, 41.0563, -0.6878



1.3965, 2.6098, -0.7893

Inverse Universe

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



23.1813, 41.7135, -0.6663



30.7159, 55.1853, -0.1786



42.4188, -23.8257, -1.5856



21.7440, 1.1127, 0.4807



22.8119, 41.0563, -0.6878



1.3965, 2.6098, -0.7893

Previews

White Background



This preview shows how the HunterLab color 23.1806, 41.7159, -0.6671 looks on a white background.

Color Contrast Check

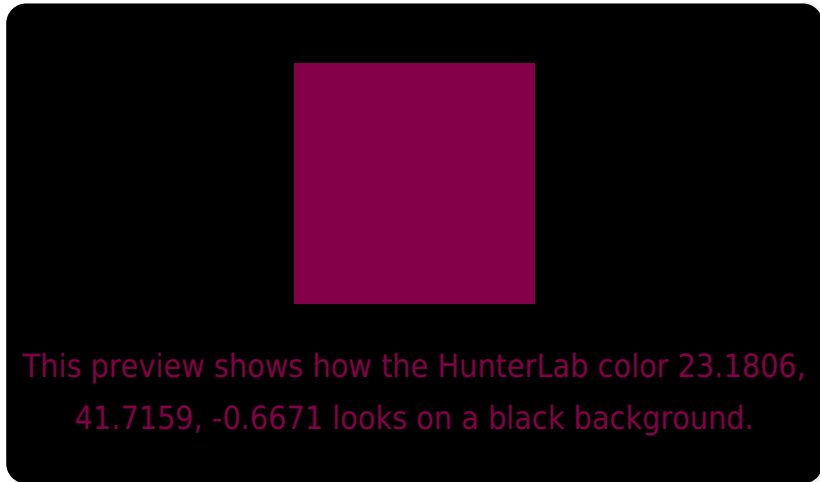
Large Text (above 18pt) WCAG AA ✓ Pass

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

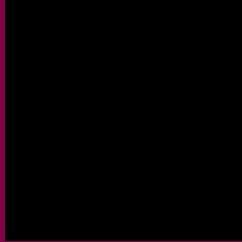
Any Text WCAG AA × Fail

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 23.1806, 41.7159, -0.6671 Background



This preview shows how black text looks on a background with the HunterLab color 23.1806, 41.7159, -0.6671.



This preview shows how white text looks on a background with the HunterLab color 23.1806, 41.7159, -0.6671.

-0.6671.

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

23.1806, 41.7159, -0.6671

Protanopia

24.5022, 2.6758, -16.5462

Deuteranopia

24.4652, 1.3353, 2.6076



Tritanopia

23.9024, 31.8565, 12.4029

Trichromacy



Original Color

23.1806, 41.7159, -0.6671

Protanomaly

20.9411, 18.3478, -15.4423

Deuteranomaly

21.6483, 18.4898, -1.3147

Tritanomaly

23.3396, 36.0178, 8.7057

Monochromacy



Original Color

23.1806, 41.7159, -0.6671

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1396, 16.3811, -2.5423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1806, 41.7159, -0.6671 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(132, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(132, 0, 72)  
}
```

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(132, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 0, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1806, 41.7159, -0.6671 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(132, 0, 72) }
```


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

```
.border{ border-color:rgb(132, 0, 72) }
```

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

Here you see how a box with a 4 pixel rgb(132, 0, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(132, 0, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.1806, 41.7159, -0.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 0, 72) }
```

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

```
.background{ background-color: rgb(132, 0,  
72) }
```

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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