

Converting Colors

HunterLab(16.2376, 29.5452,
-84.0752)

Have a look what the booklet for
HunterLab(16.2376, 29.5452,
-84.0752) contains.

HunterLab(16.2371, 29.6800, -84.3655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(16.2371, 29.6800,
-84.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	00188F
RGB	0, 24, 143
RGB Percent	0%, 9%, 56%
CMY	0.9999, 0.9059, 0.4392
CMYK	1.00, 0.83, 0.00, 0.44
HSL	230°, 100%, 28%
HSV	230°, 100%, 56%
XYZ	5.2846, 2.6364, 26.2169
YIQ	30.3900, -52.5030, 31.9210

Conversions

Conversions Part 2

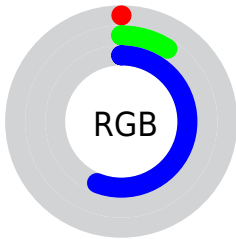
Format	Color
RYB	0, 21, 143
Decimal	6287
CIELab	18.52, 42.02, -64.90
CIElCh	19, 77.317, 302.925
Yxy	2.6364, 0.1548, 0.0772
Android (android.graphics.Color)	4278196367 (0xFF00188F)
YUV	30.3900, 55.5167, -26.6520
Hunter-Lab	16.2371, 29.6800, -84.3655

Details

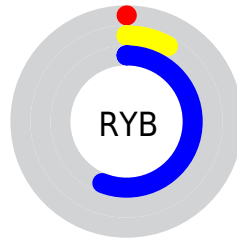
The HunterLab color **16.2371, 29.6800, -84.3655** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **43.6340, -3.0203, 26.8333**, and the grayscale version is **11.3615, -0.6062, 0.6173**.

A 20% lighter version of the original color is **32.3047, 33.0956, -77.5693**, and **8.6910, 23.5743, -61.7531** is the 20% darker color. If you saturate the color by 10%, you get **16.2345, 29.6894, -84.3827**, and if you desaturate by 10%, it is **18.2613, 24.4614, -72.6914**.

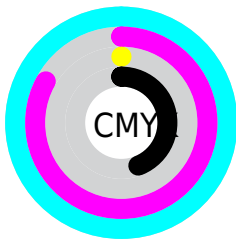
Distribution



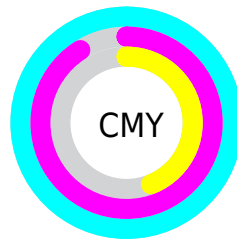
- Red (0%)
- Green (9%)
- Blue (56%)



- Red (0%)
- Yellow (8%)
- Blue (56%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (91%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.2371, 29.6800, -84.3655 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 16.2371, 29.6800, -84.3655 by changing the saturation by 10% instead.

■ 16.2371, 29.6800,
-84.3655

■ 16.2371, 29.6800,
-84.3655

■ 111.2235, 41.9436,
-80.7241

■ 9.7212, 28.0069,
-95.4078

■ 32.2258, 33.1651,
-77.9209

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.4861, 34.7536,
-77.2720

0.0000, NaN, -NF

■ 51.4949, 36.2201,
-77.2945

0.0000, NaN, -NF

■ 62.1998, 37.5690,
-77.6954

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.5583, 38.8081,
-78.3152

0.0000, NaN, NaN

■ 85.5346, 39.9453,

0.0000, NaN, NaN

-79.0610

■ 98.0985, 40.9881,
-79.8760

■ 16.2371, 29.6800,
-84.3655

■ 16.2371, 29.6800,
-84.3655

■ 16.2345, 29.6894,
-84.3827

■ 18.2613, 24.4614,
-72.6914

■ 20.8244, 19.2973,
-60.8179

■ 23.8658, 14.7131,
-49.5953

■ 27.2826, 10.8111,
-39.4731

■ 30.9952, 7.5354,
-30.4784

■ 34.9450, 4.7830,
-22.4741

■ 39.0895, 2.4515,
-15.2863

■ 43.3975, 0.4541,
-8.7538

■ 47.8458, -1.2780,
-2.7424

Harmonies

Analogous

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



16.2371, 1.3823, -115.7045



16.2371, 29.6800, -84.3655



16.2371, 57.7792, -30.8644

Triad

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



16.2371, 29.6822, -84.3656



16.2371, 23.6622, 11.3660



16.2371, -27.7086, -1.3416

Complementary

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



16.2371, 29.6800, -84.3655



43.6340, -3.0203, 26.8333

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.



16.2371, -25.4618, 11.3660



16.2371, 29.6800, -84.3655



16.2371, -3.0006, 11.3660

Square

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



16.2371, 29.6822, -84.3656



16.2371, 53.1767, 11.3660



16.2371, -18.2353, 11.3660



16.2371, -24.4030, -40.6797

Rectangle

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



16.2371, 29.6800, -84.3655



16.2371, 67.4895, -4.9949



16.2371, -18.2353, 11.3660



16.2371, -27.5777, 5.1528

Sweetspot

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



16.2371, 29.6822, -84.3656



51.9435, 3.4685, -21.0520



45.7433, -29.2394, 5.9461



23.8597, 2.2035, -11.7790



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.



16.2371, 29.6822, -84.3656



21.3138, 41.2109, -115.6030



15.9634, 39.7533, -85.9850



23.2209, -0.6782, -1.0965



15.3394, 27.6562, -78.8748



2.1122, 1.0224, -4.8471

Inverse Universe

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



24.3024, 41.8850, 13.6004



32.4930, 55.9532, 18.6090



47.1448, -26.3547, 28.5883



23.3194, 0.8588, 1.4918



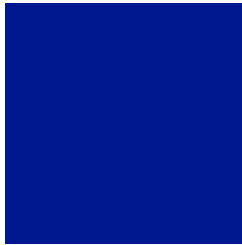
22.8558, 39.4060, 12.7164



2.2842, 4.0349, 0.5220

Previews

White Background



This preview shows how the HunterLab color 16.2371, 29.6800, -84.3655 looks on a white background.

Color Contrast Check

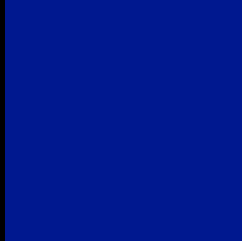
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2371, 29.6800, -84.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

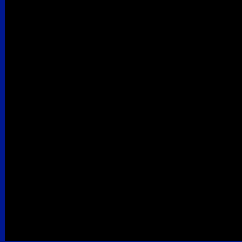
Any Text WCAG AA × Fail

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 16.2371, 29.6800, -84.3655 Background



This preview shows how black text looks on a background with the HunterLab color 16.2371, 29.6800, -84.3655.



This preview shows how white text looks on a background with the HunterLab color 16.2371, 29.6800, -84.3655.

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

16.2371, 29.6800, -84.3655

Protanopia

16.4408, 3.8429, -28.8452

Deuteranopia

16.4560, -1.2228, -17.9288



Tritanopia

16.5282, -8.2151, -2.9249

Trichromacy



Original Color

16.2371, 29.6800, -84.3655

Protanomaly

15.7892, 12.9116, -47.6075

Deuteranomaly

15.6541, 9.3701, -39.7937

Tritanomaly

15.3103, 2.9168, -25.4330

Monochromacy



Original Color

16.2371, 29.6800, -84.3655

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.9327, 6.3602, -22.1554

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.2371, 29.6800, -84.3655 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, 24, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 24, 143)  
}
```

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, 24, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 24, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 16.2371, 29.6800, -84.3655 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, 24, 143) }
```


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

```
.border{ border-color:rgb(0, 24, 143) }
```

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

Here you see how a box with a 4 pixel rgb(0, 24, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 24, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 24, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 24, 143)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.2371, 29.6800, -84.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 24, 143) }
```

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

```
.background{ background-color: rgb(0, 24,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor