

Converting Colors

HunterLab(14.9921, 37.3702,
-80.9766)

Have a look what the booklet for
HunterLab(14.9921, 37.3702,
-80.9766) contains.

HunterLab(14.9717, 37.3230, -80.8943)	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(14.9717, 37.3230,
-80.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0087
RGB	42, 0, 135
RGB Percent	16%, 0%, 53%
CMY	0.8353, 1.0000, 0.4706
CMYK	0.69, 1.00, 0.00, 0.47
HSL	259°, 100%, 26%
HSV	259°, 100%, 53%
XYZ	5.3280, 2.2415, 23.0736
YIQ	27.9480, -18.3030, 50.8890

Conversions

Conversions Part 2

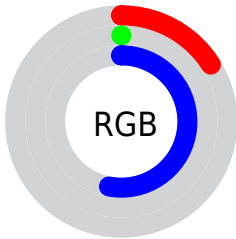
Format	Color
R_{YB}	42, 0, 135
Decimal	2752647
CIE Lab	16.71, 50.38, -62.85
CIE LCh	17, 80.547, 308.717
Yxy	2.2416, 0.1739, 0.0732
Android (android.graphics.Color)	4280942727 (0xFF2A0087)
YUV	27.9480, 52.7766, 12.3236
Hunter-Lab	14.9717, 37.3230, -80.8943

Details

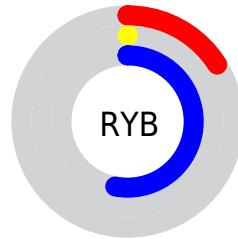
The HunterLab color **14.9717, 37.3230, -80.8943** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **44.3339, -24.5274, 26.8889**, and the grayscale version is **10.6075, -0.5660, 0.5763**.

A 20% lighter version of the original color is **30.7077, 41.0228, -74.4186**, and **8.0006, 21.7016, -56.8475** is the 20% darker color. If you saturate the color by 10%, you get **14.9721, 37.3234, -80.8919**, and if you desaturate by 10%, it is **16.6188, 34.3341, -70.9356**.

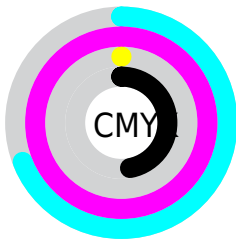
Distribution



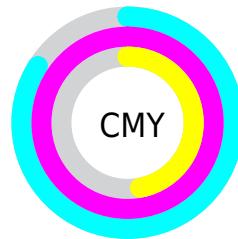
- Red (16%)
- Green (0%)
- Blue (53%)



- Red (16%)
- Yellow (0%)
- Blue (53%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9717, 37.3230, -80.8943 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 14.9717, 37.3230, -80.8943 by changing the saturation by 10% instead.

■ 14.9717, 37.3230,
-80.8943

■ 14.9717, 37.3230,
-80.8943

■ 108.7976, 52.1195,
-77.1038

■ 8.6172, 36.2475,
-93.3361

■ 30.6282, 41.1666,
-74.2643

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.7458, 43.0489,
-73.6301

0.0000, NaN, -NF

■ 49.6228, 44.8286,
-73.6704

0.0000, NaN, -NF

■ 60.2046, 46.4969,
-74.0843

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4471, 48.0549,
-74.7105


0.0000, NaN, NaN


■ 83.3136, 49.5073,


0.0000, NaN, NaN


-75.4563


 95.7727, 50.8601,
-76.2659


 14.9717, 37.3230,
-80.8943


 14.9717, 37.3230,
-80.8943


 14.9721, 37.3234,
-80.8919

 16.6188, 34.3341,
-70.9356

 18.7423, 30.6811,
-60.4255

 21.4460, 26.2905,
-49.6947

 24.6143, 21.7117,
-39.6659

 28.1472, 17.2188,
-30.6374

■ 31.9685, 12.9087,
-22.5868

■ 36.0223, 8.7934,
-15.3768

■ 40.2679, 4.8523,
-8.8520

■ 44.6753, 1.0555,
-2.8730

Harmonies

Analogous

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



14.9721, 6.3868, -125.1221



14.9717, 37.3230, -80.8943



14.9721, 65.1997, -23.3587

Triad

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



14.9721, 37.3234, -80.8919



14.9721, 18.5071, 10.4805



14.9721, -26.2012, -6.9190

Complementary

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



14.9717, 37.3230, -80.8943



44.3339, -24.5274, 26.8889

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.



14.9721, -26.2012, 10.4805



14.9717, 37.3230, -80.8943



14.9721, -6.8434, 10.4805

Square

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



14.9721, 37.3234, -80.8919



14.9721, 50.5642, 10.4805



14.9721, -19.9047, 10.4805



14.9721, -23.5327, -55.1260

Rectangle

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



14.9717, 37.3230, -80.8943



14.9721, 72.3239, -0.1421



14.9721, -19.9047, 10.4805



14.9721, -26.2012, 1.7128

Sweetspot

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



14.9721, 37.3234, -80.8919



47.8323, 12.1297, -21.1946



31.3751, -7.0000, -24.1051



22.0478, 6.7991, -11.8592



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



14.9721, 37.3234, -80.8919



19.8437, 49.7689, -109.5477



22.2204, 45.9252, -46.6656



21.4701, 0.3449, -1.1261



14.3998, 35.8617, -77.5276



1.0348, 2.3121, -3.5174

Inverse Universe

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



24.3745, 44.9839, -9.3805



32.5726, 60.0349, -11.9234



41.9059, -34.5053, 25.2182



21.7688, 1.2458, 0.1282



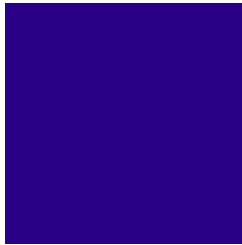
23.4114, 43.2155, -9.0802



1.4249, 2.7104, -1.1733

Previews

White Background



This preview shows how the HunterLab color 14.9717, 37.3230, -80.8943 looks on a white background.

Color Contrast Check

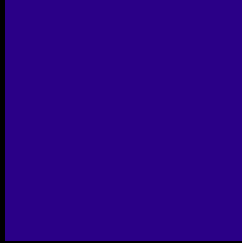
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9717, 37.3230, -80.8943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

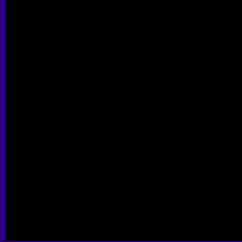
Any Text WCAG AA × Fail

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 14.9717, 37.3230, -80.8943 Background



This preview shows how black text looks on a background with the HunterLab color 14.9717, 37.3230, -80.8943.



This preview shows how white text looks on a background with the HunterLab color 14.9717, 37.3230, -80.8943.

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

14.9717, 37.3230, -80.8943

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.7791, -1.4077, -16.6836



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

14.9717, 37.3230, -80.8943

Protanomaly

13.9534, 17.0653, -50.2087

Deuteranomaly

13.6460, 13.2816, -41.5650

Tritanomaly

13.2632, 7.4051, -28.2807

Monochromacy



Original Color

14.9717, 37.3230, -80.8943

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.7759, 11.8968, -22.3689

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9717, 37.3230, -80.8943 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(42, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(42, 0, 135)  
}
```

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(42, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 0, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9717, 37.3230, -80.8943 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(42, 0, 135) }
```


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

```
.border{ border-color:rgb(42, 0, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 0, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(42, 0, 135)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.9717, 37.3230, -80.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 0, 135) }
```

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

```
.background{ background-color: rgb(42, 0,  
135) }
```

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