

Converting Colors

HunterLab(16.4984, 41.8089,
-94.4144)

Have a look what the booklet for
HunterLab(16.4984, 41.8089,
-94.4144) contains.

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Color

**HunterLab(16.5124, 41.8091,
-94.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0097
RGB	42, 0, 151
RGB Percent	16%, 0%, 59%
CMY	0.8353, 1.0000, 0.4078
CMYK	0.72, 1.00, 0.00, 0.41
HSL	257°, 100%, 30%
HSV	257°, 100%, 59%
XYZ	6.5407, 2.7266, 29.4596
YIQ	29.7720, -23.4390, 55.8650

Conversions

Conversions Part 2

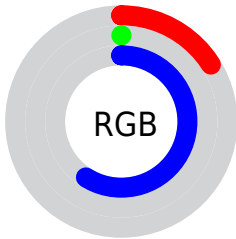
Format	Color
RYB	42, 0, 151
Decimal	2752663
CIELab	18.91, 54.41, -69.16
CIELCh	19, 87.993, 308.191
Yxy	2.7268, 0.1689, 0.0704
Android (android.graphics.Color)	4280942743 (0xFF2A0097)
YUV	29.7720, 59.7654, 10.7240
Hunter-Lab	16.5124, 41.8091, -94.2201

Details

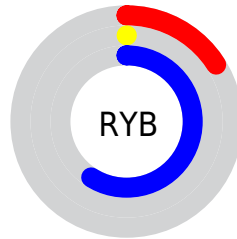
The HunterLab color **16.5124, 41.8091, -94.2201** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **50.3825, -26.6208, 30.5794**, and the grayscale version is **11.1501, -0.5949, 0.6058**.

A 20% lighter version of the original color is **32.6449, 45.8814, -86.2947**, and **9.4913, 25.7452, -67.4399** is the 20% darker color. If you saturate the color by 10%, you get **16.5129, 41.8095, -94.2170**, and if you desaturate by 10%, it is **18.2570, 38.6545, -83.1547**.

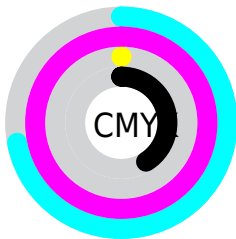
Distribution



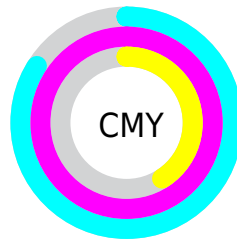
- Red (16%)
- Green (0%)
- Blue (59%)



- Red (16%)
- Yellow (0%)
- Blue (59%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (84%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5124, 41.8091, -94.2201 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 16.5124, 41.8091, -94.2201 by changing the saturation by 10% instead.

■ 16.5124, 41.8091,
-94.2201

■ 16.5124, 41.8091,
-94.2201

■ 111.7462, 57.5047,
-88.1172

■ 9.9539, 40.3334,
-107.2791

■ 32.5720, 45.7947,
-86.1569

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.8626, 47.7712,
-85.1518

0.0000, NaN, -NF

■ 51.8994, 49.6541,
-84.9529

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6306, 51.4309,
-85.2171

0.0000, NaN, NaN

■ 74.0138, 53.1003,
-85.7565

0.0000, NaN, NaN

■ 86.0135, 54.6657,

-86.4609

■ 98.5997, 56.1320,
-87.2623

■ 16.5124, 41.8091,
-94.2201

■ 16.5124, 41.8091,
-94.2201

■ 16.5129, 41.8095,
-94.2170

■ 18.2570, 38.6545,
-83.1547

■ 20.6314, 34.4682,
-70.8224

■ 23.7025, 29.4190,
-58.1166

■ 27.3274, 24.1863,
-46.2601

■ 31.3828, 19.0961,
-35.6415

■ 35.7759, 14.2530,
-26.2271

■ 40.4394, 9.6605,
-17.8383

■ 45.3249, 5.2861,
-10.2776

■ 50.3972, 1.0890,
-3.3709

Harmonies

Analogous

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



16.5129, 6.7191, -144.6027



16.5124, 41.8091, -94.2201



16.5129, 73.9916, -27.6067

Triad

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



16.5129, 41.8095, -94.2170



16.5129, 21.6276, 11.5590



16.5129, -28.8976, -7.2450

Complementary

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



16.5124, 41.8091, -94.2201



50.3825, -26.6208, 30.5794

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.



16.5129, -28.8976, 11.5590



16.5124, 41.8091, -94.2201



16.5129, -7.3165, 11.5590

Square

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



16.5129, 41.8095, -94.2170



16.5129, 58.2089, 11.5590



16.5129, -21.7402, 11.5590



16.5129, -25.6333, -61.9960

Rectangle

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



16.5124, 41.8091, -94.2201



16.5129, 82.5314, -0.6458



16.5129, -21.7402, 11.5590



16.5129, -28.8976, 2.3073

Sweetspot

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



16.5129, 41.8095, -94.2170



53.7337, 13.2885, -24.5124



36.8037, -9.8856, -24.6613



24.4480, 7.4577, -13.7064



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



16.5129, 41.8095, -94.2170



21.9160, 55.7895, -127.3693



24.3545, 50.8819, -55.3787



24.7090, 0.3767, -1.3941



15.2725, 38.6004, -86.6087



2.2651, 5.1336, -8.2614

Inverse Universe

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



27.7188, 51.4519, -12.9617



37.0507, 68.6993, -16.7470



47.4285, -38.7115, 28.5475



25.0885, 1.5438, 0.0204



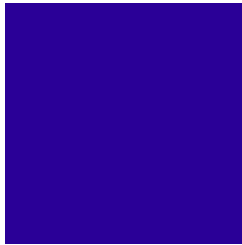
25.5761, 47.4913, -12.0892



3.2225, 6.1445, -2.7690

Previews

White Background



This preview shows how the HunterLab color 16.5124, 41.8091, -94.2201 looks on a white background.

Color Contrast Check

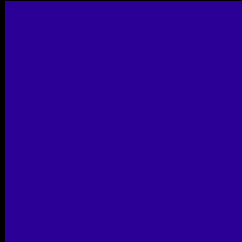
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5124, 41.8091, -94.2201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

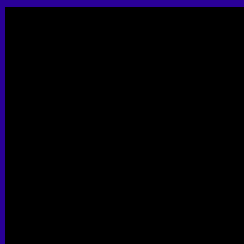
Any Text WCAG AA × Fail

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 16.5124, 41.8091, -94.2201 Background



This preview shows how black text looks on a background with the HunterLab color 16.5124, 41.8091, -94.2201.



This preview shows how white text looks on a background with the HunterLab color 16.5124, 41.8091, -94.2201.

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

16.5124, 41.8091, -94.2201

Protanopia

17.4184, 3.9217, -30.2373

Deuteranopia

17.3883, -1.4446, -18.6153



Tritanopia

17.4295, -8.6886, -3.0291

Trichromacy



Original Color

16.5124, 41.8091, -94.2201

Protanomaly

15.5353, 18.9659, -56.7034

Deuteranomaly

14.9623, 15.2587, -47.8444

Tritanomaly

14.4095, 8.5993, -32.6322

Monochromacy



Original Color

16.5124, 41.8091, -94.2201

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.4028, 13.3662, -26.4256

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5124, 41.8091, -94.2201 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(42, 0, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 0, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5124, 41.8091, -94.2201 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, 151) }
```


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

```
.border{ border-color:rgb(42, 0, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 0, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 0, 151);  
box-shadow:4px 4px 4px 4px rgb(42, 0, 151)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5124, 41.8091, -94.2201 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, 151) }
```

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

```
.background{ background-color: rgb(42, 0,  
151) }
```

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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