

Converting Colors

HunterLab(18.9984, 41.8690,
-114.1306)

Have a look what the booklet for
HunterLab(18.9984, 41.8690,
-114.1306) contains.

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Color

**HunterLab(18.9617, 42.0140,
-114.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	0014AF
RGB	0, 20, 175
RGB Percent	0%, 8%, 69%
CMY	0.9999, 0.9216, 0.3137
CMYK	1.00, 0.89, 0.00, 0.31
HSL	233°, 100%, 34%
HSV	233°, 100%, 69%
XYZ	7.9880, 3.5955, 40.8304
YIQ	31.6900, -61.6750, 43.9650

Conversions

Conversions Part 2

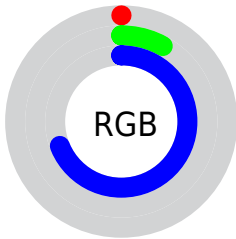
Format	Color
R_{YB}	0, 18, 175
Decimal	5295
CIE _{Lab}	22.29, 53.99, -78.21
CIE _{LCh}	22, 95.038, 304.617
Yxy	3.5955, 0.1524, 0.0686
Android (android.graphics.Color)	4278195375 (0xFF0014AF)
YUV	31.6900, 70.6518, -27.7921
Hunter-Lab	18.9617, 42.0140, -114.3966

Details

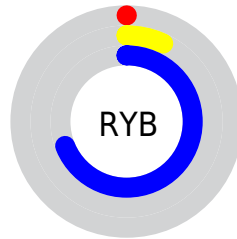
The HunterLab color **18.9617, 42.0140, -114.3966** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **57.0701, -7.8942, 35.0271**, and the grayscale version is **11.7231, -0.6255, 0.6369**.

A 20% lighter version of the original color is **35.7042, 45.9319, -103.9710**, and **11.7494, 31.8702, -83.4842** is the 20% darker color. If you saturate the color by 10%, you get **18.9584, 42.0271, -114.4208**, and if you desaturate by 10%, it is **21.0970, 35.7974, -100.3546**.

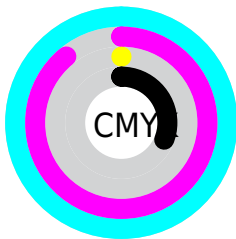
Distribution



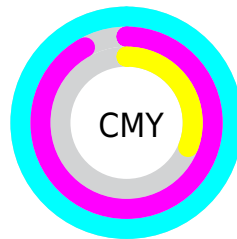
- Red (0%)
- Green (8%)
- Blue (69%)



- Red (0%)
- Yellow (7%)
- Blue (69%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (92%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9617, 42.0140, -114.3966 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 18.9617, 42.0140, -114.3966 by changing the saturation by 10% instead.

■ 18.9617, 42.0140,
-114.3966

■ 18.9617, 42.0140,
-114.3966

■ 116.3009, 57.4108,
-104.8021

■ 12.0414, 40.2872,
-128.7891

■ 35.6174, 46.0265,
-104.3726

■ 5.0309, 54.3941,
-208.4692

■ 45.1661, 47.9621,
-102.8038

0.0000, INF, -NF

■ 55.4423, 49.7968,
-102.2198

0.0000, NaN, -NF

■ 66.3976, 51.5237,
-102.2257

0.0000, NaN, -NF

■ 77.9924, 53.1438,
-102.5983

0.0000, NaN, NaN


■ 90.1930, 54.6614,


0.0000, NaN, NaN


-103.2035


0.0000, NaN, NaN

 102.9709, 56.0819,
-103.9566


 18.9617, 42.0140,
-114.3966


 18.9617, 42.0140,
-114.3966


 18.9584, 42.0271,
-114.4208

 21.0970, 35.7974,
-100.3546

 24.1263, 28.9236,
-84.2968

 27.9197, 22.4869,
-68.5302

 32.3021, 16.8778,
-54.2429

 37.1368, 12.1100,
-41.6560

■ 42.3250, 8.0615,
-30.5926

■ 47.7973, 4.5891,
-20.7768

■ 53.5040, 1.5676,
-11.9472

■ 59.4092, -1.1025,
-3.8878

Harmonies

Analogous

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



18.9617, 3.6713, -163.4725



18.9617, 42.0140, -114.3966



18.9617, 79.8586, -38.4983

Triad

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



18.9617, 42.0171, -114.3970



18.9617, 29.1787, 13.2732



18.9617, -32.8769, -3.7355

Complementary

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



18.9617, 42.0140, -114.3966



57.0701, -7.8942, 35.0271

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.



18.9617, -30.8393, 13.2732



18.9617, 42.0140, -114.3966



18.9617, -5.2821, 13.2732

Square

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



18.9617, 42.0171, -114.3970



18.9617, 69.8312, 13.2732



18.9617, -23.3836, 13.2732



18.9617, -29.0814, -60.2660

Rectangle

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



18.9617, 42.0140, -114.3966



18.9617, 92.1116, -4.6285



18.9617, -23.3836, 13.2732



18.9617, -32.8514, 5.3527

Sweetspot

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



18.9617, 42.0171, -114.3970



63.5636, 6.3743, -28.4740



57.4569, -34.6501, 2.9855



28.5242, 3.8784, -15.9131



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



18.9617, 42.0171, -114.3970



25.0545, 57.5019, -155.4460



20.7192, 50.4115, -102.4102



28.1050, -0.5987, -1.5788



16.1942, 34.9767, -95.7461



3.4424, 3.4430, -11.7350

Inverse Universe

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



30.2741, 52.0060, 18.2696



40.4930, 69.5285, 24.7472



58.1755, -35.8202, 35.2194



28.3367, 1.0634, 1.9946



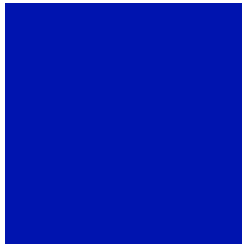
25.6277, 44.0481, 15.3203



4.3279, 7.5442, 1.7689

Previews

White Background



This preview shows how the HunterLab color 18.9617, 42.0140, -114.3966 looks on a white background.

Color Contrast Check

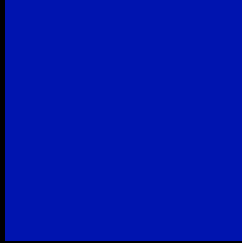
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9617, 42.0140, -114.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

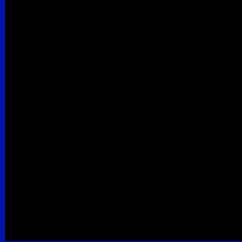
Any Text WCAG AA × Fail

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 18.9617, 42.0140, -114.3966 Background



This preview shows how black text looks on a background with the HunterLab color 18.9617, 42.0140, -114.3966.



This preview shows how white text looks on a background with the HunterLab color 18.9617, 42.0140,

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

18.9617, 42.0140, -114.3966

Protanopia

19.2195, 4.8376, -34.4657

Deuteranopia

19.3246, -1.6412, -20.6113



Tritanopia

19.2553, -9.6484, -3.2393

Trichromacy



Original Color

18.9617, 42.0140, -114.3966

Protanomaly

18.1855, 18.1956, -62.0093

Deuteranomaly

17.9762, 12.9859, -50.5015

Tritanomaly

17.1857, 6.0256, -34.4880

Monochromacy



Original Color

18.9617, 42.0140, -114.3966

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.7253, 10.0492, -31.0622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9617, 42.0140, -114.3966 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, 20, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 20, 175)  
}
```

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, 20, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 20, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9617, 42.0140, -114.3966 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, 20, 175) }
```


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

```
.border{ border-color:rgb(0, 20, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 20, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 20, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 20, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 20, 175)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9617, 42.0140, -114.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 20, 175) }
```

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

```
.background{ background-color: rgb(0, 20,  
175) }
```

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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