

Converting Colors

HunterLab(42.1362, 89.2940,
-105.5954)

Have a look what the booklet for
HunterLab(42.1362, 89.2940,
-105.5954) contains.

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Color

**HunterLab(42.1720, 89.3407,
-105.4596)**

Conversions

Conversions Part 1

Format	Color
Hex	BB00FF
RGB	187, 0, 255
RGB Percent	73%, 0%, 100%
CMY	0.2667, 1.0000, 0.0000
CMYK	0.27, 1.00, 0.00, 0.00
HSL	284°, 100%, 50%
HSV	284°, 100%, 100%
XYZ	38.5435, 17.7848, 96.0090
YIQ	84.9830, 29.5970, 118.9490

Conversions

Conversions Part 2

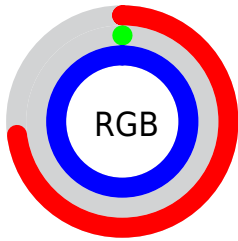
Format	Color
RYB	187, 0, 255
Decimal	12255487
CIELab	49.23, 88.91, -79.31
CIELCh	49, 119.143, 318.265
Yxy	17.7854, 0.2530, 0.1167
Android (android.graphics.Color)	4290445567 (0xFFBB00FF)
YUV	84.9830, 83.8184, 89.4689
Hunter-Lab	42.1720, 89.3407, -105.4596

Details

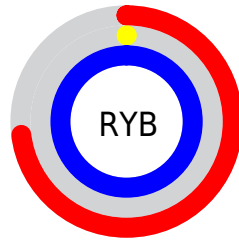
The HunterLab color $42.1720, 89.3407, -105.4596$ is a dark color, and the websafe version is hex $CC00FF$. The color can be described as middle saturated purple. A complement of this color would be $85.2931, -69.4351, 51.3415$, and the grayscale version is $29.8321, -1.5918, 1.6208$.

A 20% lighter version of the original color is $59.3198, 79.8402, -56.6098$, and $29.0978, 63.6845, -88.5884$ is the 20% darker color. If you saturate the color by 10%, you get $42.1721, 89.3408, -105.4592$, and if you desaturate by 10%, it is $44.0233, 87.6041, -98.7558$.

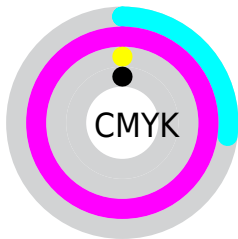
Distribution



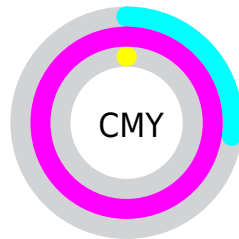
- Red (73%)
- Green (0%)
- Blue (100%)



- Red (73%)
- Yellow (0%)
- Blue (100%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1720, 89.3407, -105.4596 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 42.1720, 89.3407, -105.4596 by changing the saturation by 10% instead.

42.1720, 89.3407,
-105.4596

42.1720, 89.3407,
-105.4596

154.8091,
110.9572, -109.3459

32.8573, 86.9228,
-107.5960

62.9851, 94.5051,
-104.3262

24.3513, 84.9051,
-111.9373

74.3886, 97.0756,
-104.5634

16.7406, 83.8847,
-120.7249

86.4076, 99.5883,
-105.0819

10.1464, 85.5765,
-140.2439

99.0121, 102.0276,
-105.7805

0.0000, INF, -NF

0.0000, NaN, -NF

112.1761,
104.3860, -106.5937

0.0000, NaN, -NF

125.8768,

0.0000, NaN, -NF

106.6604, -107.4776

140.0938,
108.8504, -108.4020

■ 42.1720, 89.3407,
-105.4596

■ 42.1720, 89.3407,
-105.4596

■ 42.1721, 89.3408,
-105.4592

■ 44.0233, 87.6041,
-98.7558

■ 46.8519, 82.6531,
-89.4070

■ 50.7768, 74.6570,
-77.8742

■ 55.7236, 64.5489,
-65.1961

■ 61.5656, 53.2464,
-52.2423

■ 68.1668, 41.4233,
-39.5584

■ 75.4045, 29.4916,
-27.4092

■ 83.1756, 17.6685,
-15.8775

■ 91.3971, 6.0490,
-4.9484

Harmonies

Analogous

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



42.1727, 30.2064, -190.2221



42.1720, 89.3407, -105.4596



42.1727, 128.8496, -19.3636

Triad

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



42.1727, 89.3404, -105.4569



42.1727, 17.8847, 29.5209



42.1727, -58.5298, -34.8203

Complementary

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



42.1720, 89.3407, -105.4596



85.2931, -69.4351, 51.3415

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.



42.1727, -59.4677, 16.3730



42.1720, 89.3407, -105.4596



42.1727, -27.1402, 29.5209

Square

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



42.1727, 89.3404, -105.4569



42.1727, 76.9744, 29.5209



42.1727, -50.9248, 28.9728



42.1727, -47.3251, -126.7523

Rectangle

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



42.1720, 89.3407, -105.4596



42.1727, 130.7696, 12.9355



42.1727, -50.9248, 28.9728



42.1727, -59.7926, -12.1325

Sweetspot

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



42.1727, 89.3404, -105.4569



75.4018, 29.4959, -27.4134



33.6973, 47.5959, -144.8636



33.4400, 15.9716, -15.0186

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.1727, 89.3404, -105.4569



42.1721, 89.3408, -105.4592



50.2226, 93.8971, -28.7125



42.4764, 2.5369, -2.0474



30.6102, 64.7452, -75.7563



9.8272, 20.5671, -22.6241

Inverse Universe

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



46.5592, 80.6296, 23.1357



46.5589, 80.6300, 23.1369



84.7591, -71.3285, 48.0366



42.5048, 2.0825, 2.2546



33.6865, 58.3987, 16.2675



10.5929, 18.5227, 3.8834

Previews

White Background



This preview shows how the HunterLab color 42.1720, 89.3407, -105.4596 looks on a white background.

Color Contrast Check

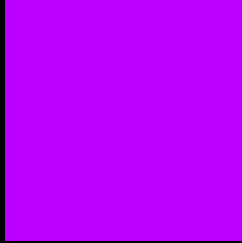
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.1720, 89.3407, -105.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

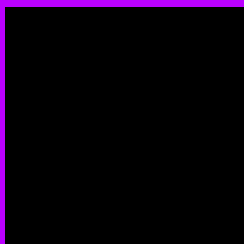
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.1720, 89.3407, -105.4596 Background



This preview shows how black text looks on a background with the HunterLab color 42.1720, 89.3407, -105.4596.



This preview shows how white text looks on a background with the HunterLab color 42.1720, 89.3407,

-105.4596.

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

42.1720, 89.3407, -105.4596

Protanopia

42.8783, 16.1085, -88.3678

Deuteranopia

42.7530, 1.7794, -57.2788



Tritanopia

42.3821, 19.8163, 7.0034

Trichromacy



Original Color

42.1720, 89.3407, -105.4596



Protanomaly

35.5638, 45.1780, -122.6511



Deuteranomaly

34.6810, 35.8915, -101.0086



Tritanomaly

38.7436, 48.6676, -26.8740

Monochromacy



Original Color

42.1720, 89.3407, -105.4596



Achromatopsia

30.1400, -1.6082, 1.6376



Achromatomaly

29.8035, 35.3564, -35.9301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.1720, 89.3407, -105.4596 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(187, 0, 255)` looks like.

```
.text, #text, p{  
  color:rgb(187, 0, 255)  
}
```

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(187, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 42.1720, 89.3407, -105.4596 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(187, 0, 255) }
```


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

```
.border{ border-color:rgb(187, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(187, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.1720, 89.3407, -105.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 0, 255) }
```

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

```
.background{ background-color: rgb(187, 0,  
255) }
```

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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