

Converting Colors

HunterLab(47.5154, 96.5560,
-87.0040)

Have a look what the booklet for
HunterLab(47.5154, 96.5560,
-87.0040) contains.

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Color

**HunterLab(47.5312, 96.5882,
-87.0334)**

Conversions

Conversions Part 1

Format	Color
Hex	DD00FF
RGB	221, 0, 255
RGB Percent	87%, 0%, 100%
CMY	0.1333, 0.9999, 0.0000
CMYK	0.13, 1.00, 0.00, 0.00
HSL	292°, 100%, 50%
HSV	292°, 100%, 100%
XYZ	47.8688, 22.5921, 96.4455
YIQ	95.1490, 49.8610, 126.1570

Conversions

Conversions Part 2

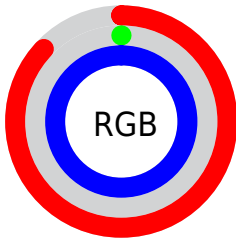
Format	Color
R _Y B	221, 0, 255
Decimal	14483711
CIE Lab	54.65, 93.28, -70.26
CIE LCh	55, 116.785, 323.012
Yxy	22.5931, 0.2868, 0.1354
Android (android.graphics.Color)	4292673791 (0xFFDD00FF)
YUV	95.1490, 78.8065, 110.3713
Hunter-Lab	47.5312, 96.5882, -87.0334

Details

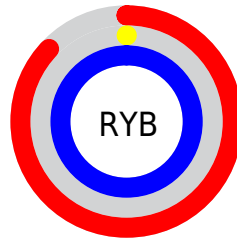
The HunterLab color **47.5312, 96.5882, -87.0334** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.7706, -71.6583, 50.9802**, and the grayscale version is **33.5922, -1.7924, 1.8251**.

A 20% lighter version of the original color is **61.1585, 79.0414, -52.6479**, and **33.9187, 69.9714, -70.2097** is the 20% darker color. If you saturate the color by 10%, you get **47.5310, 96.5880, -87.0340**, and if you desaturate by 10%, it is **48.8361, 94.6388, -83.1103**.

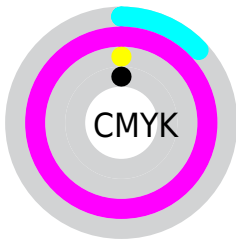
Distribution



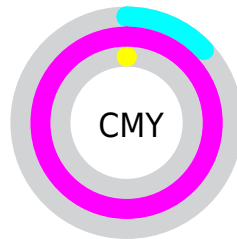
- Red (87%)
- Green (0%)
- Blue (100%)



- Red (87%)
- Yellow (0%)
- Blue (100%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5312, 96.5882, -87.0334 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 47.5312, 96.5882, -87.0334 by changing the saturation by 10% instead.

47.5312, 96.5882,
-87.0334

47.5312, 96.5882,
-87.0334

162.9810,
118.7737, -93.2288

37.8065, 94.0577,
-87.6023

69.0828, 101.8889,
-87.4792

28.8530, 91.8346,
-89.2653

80.8236, 104.5175,
-88.1039

20.7451, 90.3422,
-93.0214

93.1632, 107.0881,
-88.8604

13.5823, 90.6619,
-101.3467

106.0737,
109.5868, -89.6936

7.1754, 102.0322,
-128.4222

119.5310,
112.0065, -90.5675

0.0000, INF, -NF

0.0000, NaN, -NF

133.5137,

114.3444, -91.4582

0.0000, NaN, -NF

148.0027,
116.5998, -92.3491

■ 47.5312, 96.5882,
-87.0334

■ 47.5312, 96.5882,
-87.0334

■ 47.5310, 96.5880,
-87.0340

■ 48.8361, 94.6388,
-83.1103

■ 51.0407, 89.6211,
-76.8783

■ 54.2994, 81.4769,
-68.4176

■ 58.5853, 70.9439,
-58.4038

■ 63.8063, 58.8994,
-47.5630

■ 69.8445, 46.0858,
-36.4665

■ 76.5815, 33.0171,
-25.4788

■ 83.9115, 19.9994,
-14.7917

■ 91.7449, 7.1898,
-4.4815

Harmonies

Analogous

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



47.5322, 39.4390, -171.4157



47.5312, 96.5882, -87.0334



47.5322, 129.0501, -9.4515

Triad

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



47.5322, 96.5866, -87.0305



47.5322, 9.2837, 33.2725



47.5322, -61.3377, -46.4605

Complementary

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



47.5312, 96.5882, -87.0334



84.7706, -71.6583, 50.9802

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.



47.5322, -64.0218, 12.1212



47.5312, 96.5882, -87.0334



47.5322, -33.6420, 33.2725

Square

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



47.5322, 96.5866, -87.0305



47.5322, 67.1505, 33.1903



47.5322, -56.2632, 30.9471



47.5322, -46.4697, -135.6750

Rectangle

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



47.5312, 96.5882, -87.0334



47.5322, 125.8393, 18.4778



47.5322, -56.2632, 30.9471



47.5322, -63.3650, -21.8821

Sweetspot

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



47.5322, 96.5866, -87.0305



76.5745, 33.0301, -25.4896



29.3663, 62.5917, -171.8198



34.0768, 17.8338, -13.9226

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5322, 96.5866, -87.0305



47.5310, 96.5880, -87.0340



48.9948, 89.5033, -11.7596



42.6267, 3.0417, -1.8463



34.4275, 69.9159, -62.6967



10.8932, 22.0269, -19.0999

Inverse Universe

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



46.2344, 79.4248, 27.9369



46.2336, 79.4263, 27.9386



84.9976, -69.8367, 44.5188



42.4576, 1.8285, 2.9285



33.4383, 57.4805, 19.9294



10.4893, 18.1408, 5.4013

Previews

White Background



This preview shows how the HunterLab color 47.5312, 96.5882, -87.0334 looks on a white background.

Color Contrast Check

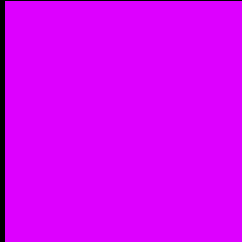
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.5312, 96.5882, -87.0334 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 47.5312, 96.5882, -87.0334 Background



This preview shows how black text looks on a background with the HunterLab color 47.5312, 96.5882, -87.0334.



This preview shows how white text looks on a background with the HunterLab color 47.5312, 96.5882, -87.0334.

-87.0334.

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

47.5312, 96.5882, -87.0334

Protanopia

48.3893, 15.7929, -85.8264

Deuteranopia

48.1905, 4.4072, -69.7478



Tritanopia

47.6785, 34.7480, 12.6901

Trichromacy



Original Color

47.5312, 96.5882, -87.0334



Protanomaly

40.8439, 50.5936, -111.2812



Deuteranomaly

38.3851, 39.2512, -107.8603



Tritanomaly

44.4919, 60.7963, -16.4529

Monochromacy



Original Color

47.5312, 96.5882, -87.0334



Achromatopsia

33.8283, -1.8050, 1.8380



Achromatomaly

33.4580, 39.3475, -32.0995

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5312, 96.5882, -87.0334 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(221, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5312, 96.5882, -87.0334 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(221, 0, 255) }
```


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

```
.border{ border-color:rgb(221, 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(221, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5312, 96.5882, -87.0334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 0, 255) }
```

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

```
.background{ background-color: rgb(221, 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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