

Converting Colors

HunterLab(44.7869, 92.8185,
-96.0218)

Have a look what the booklet for
HunterLab(44.7869, 92.8185,
-96.0218) contains.

HunterLab(44.7855, 92.8173, -96.0266)	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(44.7855, 92.8173,
-96.0266)**

Conversions

Conversions Part 1

Format	Color
Hex	CC00FF
RGB	204, 0, 255
RGB Percent	80%, 0%, 100%
CMY	0.2000, 0.9999, 0.0000
CMYK	0.20, 1.00, 0.00, 0.00
HSL	288°, 100%, 50%
HSV	288°, 100%, 100%
XYZ	42.9519, 20.0574, 96.2155
YIQ	90.0660, 39.7290, 122.5530

Conversions

Conversions Part 2

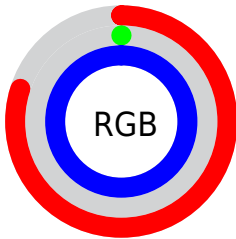
Format	Color
RYB	204, 0, 255
Decimal	13369599
CIELab	51.90, 91.01, -74.85
CIELCh	52, 117.836, 320.566
Yxy	20.0582, 0.2698, 0.1260
Android (android.graphics.Color)	4291559679 (0xFFCC00FF)
YUV	90.0660, 81.3125, 99.9201
Hunter-Lab	44.7855, 92.8173, -96.0266

Details

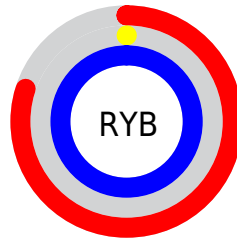
The HunterLab color **44.7855, 92.8173, -96.0266** is a light color, and the websafe version is hex **CC00FF**, and the color name is **vivid orchid**. The color can be described as light saturated magenta. A complement of this color would be **84.9848, -70.7448, 51.1284**, and the grayscale version is **31.7029, -1.6916, 1.7225**.

A 20% lighter version of the original color is **60.7007, 80.4258, -53.5976**, and **31.4179, 66.6347, -79.1589** is the 20% darker color. If you saturate the color by 10%, you get **44.7854, 92.8171, -96.0269**, and if you desaturate by 10%, it is **46.3766, 91.0125, -90.7805**.

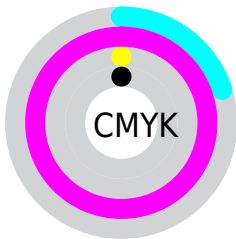
Distribution



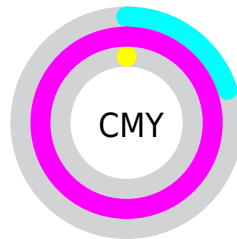
- Red (80%)
- Green (0%)
- Blue (100%)



- Red (80%)
- Yellow (0%)
- Blue (100%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.7855, 92.8173, -96.0266 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 44.7855, 92.8173, -96.0266 by changing the saturation by 10% instead.

44.7855, 92.8173,
-96.0266

44.7855, 92.8173,
-96.0266

158.8174,
114.7067, -101.2973

35.2666, 90.3418,
-97.2749

65.9656, 98.0486,
-95.7922

26.5372, 88.2159,
-100.0925

77.5365, 100.6469,
-96.2549

18.6776, 86.9400,
-105.9827

89.7145, 103.1872,
-96.9161

11.7974, 87.8648,
-118.8928

102.4707,
105.6547, -97.7006

4.5898, 132.6340,
-204.5032

115.7800,
108.0422, -98.5591

0.0000, INF, -NF

0.0000, NaN, -NF

129.6203,

110.3468, -99.4587

0.0000, NaN, -NF

143.9720,
112.5680, -100.3767

■ 44.7855, 92.8173,
-96.0266

■ 44.7855, 92.8173,
-96.0266

■ 44.7854, 92.8171,
-96.0269

■ 46.3766, 91.0125,
-90.7805

■ 48.9039, 86.0619,
-83.0594

■ 52.5048, 78.0156,
-73.1148

■ 57.1296, 67.7094,
-61.7970

■ 62.6687, 56.0454,
-49.9098

■ 68.9948, 43.7350,
-38.0202

■ 75.9871, 31.2423,
-26.4491

■ 83.5411, 18.8282,
-15.3369

■ 91.5705, 6.6180,
-4.7154

Harmonies

Analogous

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



44.7863, 34.6215, -180.5237



44.7855, 92.8173, -96.0266



44.7863, 128.8571, -14.3626

Triad

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



44.7863, 92.8163, -96.0236



44.7863, 13.6653, 31.3504



44.7863, -59.9980, -40.3517

Complementary

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



44.7855, 92.8173, -96.0266



84.9848, -70.7448, 51.1284

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.



44.7863, -61.7293, 14.5167



44.7855, 92.8173, -96.0266



44.7863, -30.2866, 31.3504

Square

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



44.7863, 92.8163, -96.0236



44.7863, 72.0802, 31.3504



44.7863, -53.5180, 29.9939



44.7863, -47.0494, -130.9918

Rectangle

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



44.7855, 92.8173, -96.0266



44.7863, 128.2431, 15.6736



44.7863, -53.5180, 29.9939



44.7863, -61.6146, -16.7070

Sweetspot

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



44.7863, 92.8163, -96.0236



75.9822, 31.2508, -26.4569



31.5873, 54.5152, -157.1621



33.7547, 16.8957, -14.4737

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.7863, 92.8163, -96.0236



44.7854, 92.8171, -96.0269



49.6680, 91.9187, -21.1048



42.5513, 2.7886, -1.9471



32.4729, 67.2281, -69.0727



10.3495, 21.2730, -20.8243

Inverse Universe

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



46.3676, 79.9195, 25.9636



46.3670, 79.9205, 25.9653



84.8478, -70.7735, 46.7282



42.4811, 1.9550, 2.5929



33.5416, 57.8630, 18.4022



10.5359, 18.3127, 4.7172

Previews

White Background



This preview shows how the HunterLab color 44.7855, 92.8173, -96.0266 looks on a white background.

Color Contrast Check

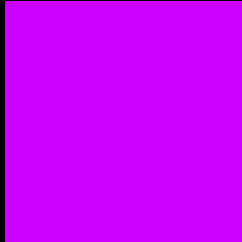
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.7855, 92.8173, -96.0266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

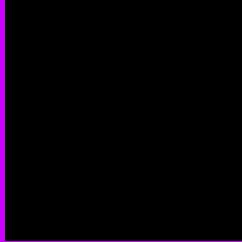
Any Text WCAG AA ✓ Pass

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 44.7855, 92.8173, -96.0266 Background



This preview shows how black text looks on a background with the HunterLab color 44.7855, 92.8173, -96.0266.



This preview shows how white text looks on a background with the HunterLab color 44.7855, 92.8173, -96.0266.

-96.0266.

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

44.7855, 92.8173, -96.0266

Protanopia

45.6404, 16.8357, -93.3901

Deuteranopia

45.5698, 2.6619, -62.7046



Tritanopia

44.9924, 27.3477, 9.8727

Trichromacy



Original Color

44.7855, 92.8173, -96.0266



Protanomaly

37.3087, 46.5087, -125.2069



Deuteranomaly

36.5224, 37.5575, -104.4313



Tritanomaly

41.6129, 54.8007, -21.4405

Monochromacy



Original Color

44.7855, 92.8173, -96.0266



Achromatopsia

31.9753, -1.7061, 1.7373



Achromatomaly

31.5493, 37.1709, -34.1339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.7855, 92.8173, -96.0266 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(204, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 44.7855, 92.8173, -96.0266 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(204, 0, 255) }
```


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

```
.border{ border-color:rgb(204, 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(204, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.7855, 92.8173, -96.0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 255) }
```

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

```
.background{ background-color: rgb(204, 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](#).

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