

Converting Colors

HunterLab(46.8224, 82.6084,
-89.5015)

Have a look what the booklet for
HunterLab(46.8224, 82.6084,
-89.5015) contains.

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Color

**HunterLab(46.7622, 82.5085,
-89.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	C833FF
RGB	200, 51, 255
RGB Percent	78%, 20%, 100%
CMY	0.2157, 0.8000, 0.0000
CMYK	0.22, 0.80, 0.00, 0.00
HSL	284°, 100%, 60%
HSV	284°, 80%, 100%
XYZ	43.0533, 21.8670, 96.5594
YIQ	118.8070, 23.3200, 95.0320

Conversions

Conversions Part 2

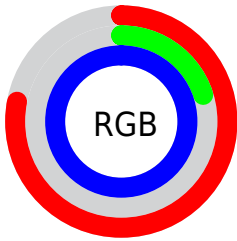
Format	Color
R _Y B	200, 51, 255
Decimal	13120511
CIE Lab	53.89, 82.76, -71.66
CIE LCh	54, 109.473, 319.114
Yxy	21.8678, 0.2666, 0.1354
Android (android.graphics.Color)	4291310591 (0xFFC833FF)
YUV	118.8070, 67.1431, 71.2063
Hunter-Lab	46.7622, 82.5085, -89.6945

Details

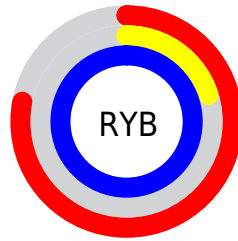
The HunterLab color **46.7622, 82.5085, -89.6945** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **86.5005, -64.0832, 50.0322**, and the grayscale version is **42.6190, -2.2740, 2.3156**.

A 20% lighter version of the original color is **63.8290, 71.2504, -47.3014**, and **30.9946, 66.0850, -80.7907** is the 20% darker color. If you saturate the color by 10%, you get **43.9219, 87.4597, -99.1149**, and if you desaturate by 10%, it is **50.7016, 74.5130, -78.0869**.

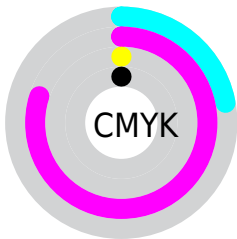
Distribution



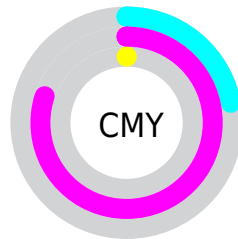
- Red (78%)
- Green (20%)
- Blue (100%)



- Red (78%)
- Yellow (20%)
- Blue (100%)



- Cyan (22%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7622, 82.5085, -89.6945 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 46.7622, 82.5085, -89.6945 by changing the saturation by 10% instead.

46.7622, 82.5085,
-89.6945

46.7622, 82.5085,
-89.6945

161.8195,
102.6214, -95.6662

37.0942, 80.0360,
-90.4420

68.2111, 87.4894,
-89.9630

28.2025, 77.7367,
-92.4065

79.9049, 89.9024,
-90.5466

20.1629, 75.9238,
-96.7130

92.1997, 92.2372,
-91.2800

13.0775, 75.4230,
-106.1909

105.0675, 94.4870,
-92.1027

6.5594, 87.4796,
-141.6970

118.4838, 96.6494,
-92.9753

0.0000, INF, -NF

0.0000, NaN, -NF

132.4271, 98.7247,

-93.8713

0.0000, NaN, -NF

146.8780,
100.7146, -94.7724

■ 46.7622, 82.5085,
-89.6945

■ 46.7622, 82.5085,
-89.6945

■ 43.9219, 87.4597,
-99.1149

■ 50.7016, 74.5130,
-78.0869

■ 42.0606, 89.1946,
-105.8830

■ 55.6621, 64.4132,
-65.3477

■ 42.0603, 89.1949,
-105.8842

■ 61.5168, 53.1262,
-52.3466

■ 68.1298, 41.3242,
-39.6277

■ 75.3780, 29.4169,
-27.4530

■ 83.1584, 17.6195,
-15.9029

■ 91.3882, 6.0258,
-4.9603

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



46.7631, 29.3300, -161.0405



46.7622, 82.5085, -89.6945



46.7631, 116.3628, -15.8130

Triad

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



46.7631, 82.5076, -89.6917



46.7631, 14.9848, 32.7341



46.7631, -59.3747, -33.2084

Complementary

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



46.7622, 82.5085, -89.6945



86.5005, -64.0832, 50.0322

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.



46.7631, -60.7314, 15.5712



46.7622, 82.5085, -89.6945



46.7631, -27.5843, 32.7341

Square

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



46.7631, 82.5076, -89.6917



46.7631, 68.6558, 31.8349



46.7631, -51.5698, 30.7241



46.7631, -46.7152, -112.1719

Rectangle

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



46.7622, 82.5085, -89.6945



46.7631, 117.2193, 13.7932



46.7631, -51.5698, 30.7241



46.7631, -60.9229, -12.4536

Sweetspot

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



46.7631, 82.5076, -89.6917



79.9866, 22.3195, -20.4499



43.3813, 26.3869, -102.1089



35.7287, 12.2735, -11.3730

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.7631, 82.5076, -89.6917



42.7323, 88.7440, -103.3808



53.2177, 88.5194, -34.1722



42.4731, 2.5258, -2.0518



30.5304, 64.6408, -76.0574



9.8047, 20.5372, -22.7051

Inverse Universe

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



49.6676, 74.8989, 15.6382



46.9105, 80.2408, 21.6233



85.4716, -67.7087, 43.9380



42.5059, 2.0881, 2.2396



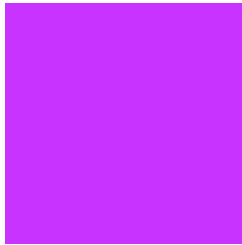
33.6939, 58.4260, 16.1589



10.5957, 18.5329, 3.8429

Previews

White Background



This preview shows how the HunterLab color 46.7622, 82.5085, -89.6945 looks on a white background.

Color Contrast Check

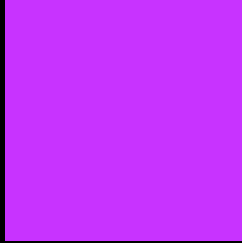
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7622, 82.5085, -89.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

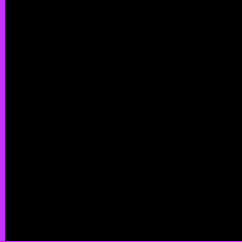
Any Text WCAG AA ✓ Pass

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 46.7622, 82.5085, -89.6945 Background



This preview shows how black text looks on a background with the HunterLab color 46.7622, 82.5085, -89.6945.



This preview shows how white text looks on a background with the HunterLab color 46.7622, 82.5085, -89.6945.

-89.6945.

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

46.7622, 82.5085, -89.6945

Protanopia

47.2849, 16.5262, -89.2014

Deuteranopia

46.9064, 3.6890, -66.5924



Tritanopia

46.4433, 22.9009, 7.9256

Trichromacy



Original Color

46.7622, 82.5085, -89.6945



Protanomaly

43.1370, 38.5665, -102.7784



Deuteranomaly

41.4855, 27.3402, -91.7765



Tritanomaly

44.9124, 44.1202, -19.8156

Monochromacy



Original Color

46.7622, 82.5085, -89.6945



Achromatopsia

42.9506, -2.2917, 2.3336



Achromatomaly

41.3865, 27.9945, -27.0792

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7622, 82.5085, -89.6945 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(200, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 51, 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(200, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 51, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7622, 82.5085, -89.6945 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(200, 51, 255) }
```


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

```
.border{ border-color:rgb(200, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 51,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7622, 82.5085, -89.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 51, 255) }
```

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

```
.background{ background-color: rgb(200, 51,  
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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