

Converting Colors

HunterLab(42.2299, 81.5276,
-44.0887)

Have a look what the booklet for
HunterLab(42.2299, 81.5276,
-44.0887) contains.

HunterLab(42.2990, 81.6465, -44.0468)	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(42.2990, 81.6465,
-44.0468)**

Conversions

Conversions Part 1

Format	Color
Hex	D400C2
RGB	212, 0, 194
RGB Percent	83%, 0%, 76%
CMY	0.1686, 0.9999, 0.2392
CMYK	0.00, 1.00, 0.08, 0.17
HSL	305°, 100%, 42%
HSV	305°, 100%, 83%
XYZ	36.8889, 17.8921, 52.5481
YIQ	85.5040, 64.0780, 105.2780

Conversions

Conversions Part 2

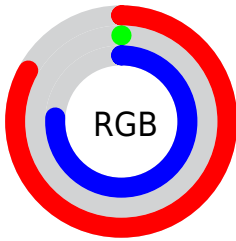
Format	Color
R_{YB}	212, 0, 194
Decimal	13893826
CIE _{Lab}	49.37, 82.97, -44.18
CIE _{LCh}	49, 93.998, 331.966
Yxy	17.8929, 0.3437, 0.1667
Android (android.graphics.Color)	4292083906 (0xFFD400C2)
YUV	85.5040, 53.4885, 110.9370
Hunter-Lab	42.2990, 81.6465, -44.0468

Details

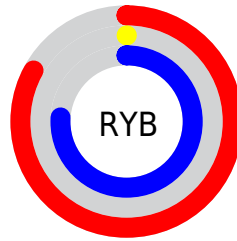
The HunterLab color **42.2990, 81.6465, -44.0468** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **68.6523, -58.6409, 40.7812**, and the grayscale version is **30.1251, -1.6074, 1.6368**.

A 20% lighter version of the original color is **60.1917, 80.4702, -51.4009**, and **29.2726, 56.5984, -31.2247** is the 20% darker color. If you saturate the color by 10%, you get **42.2991, 81.6462, -44.0447**, and if you desaturate by 10%, it is **43.0332, 79.6815, -43.8780**.

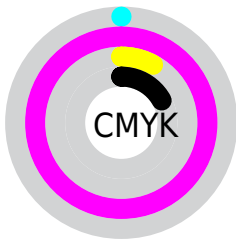
Distribution



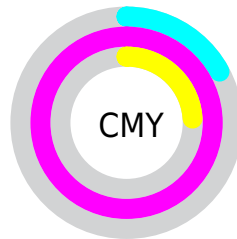
- Red (83%)
- Green (0%)
- Blue (76%)



- Red (83%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2990, 81.6465, -44.0468 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 42.2990, 81.6465, -44.0468 by changing the saturation by 10% instead.

42.2990, 81.6465,
-44.0468

42.2990, 81.6465,
-44.0468

155.0054,
102.0759, -49.6869

32.9745, 79.2254,
-43.5489

63.1307, 86.6466,
-45.3807

24.4573, 77.0920,
-43.3780

74.5424, 89.0951,
-46.0873

16.8342, 75.7226,
-43.9528

86.5693, 91.4714,
-46.7791

10.2256, 76.5004,
-46.4611

99.1813, 93.7653,
-47.4418

0.0000, INF, -NF

0.0000, NaN, -NF

112.3525, 95.9727,
-48.0675

0.0000, NaN, NaN

126.0600, 98.0927,

0.0000, NaN, NaN

-48.6515

140.2837,
100.1264, -49.1917

■ 42.2990, 81.6465,
-44.0468

■ 42.2990, 81.6465,
-44.0468

■ 42.2991, 81.6462,
-44.0447

■ 43.0332, 79.6815,
-43.8780

■ 44.4328, 75.4707,
-42.2682

■ 46.6528, 68.8007,
-39.0283

■ 49.6934, 60.1418,
-34.4043

■ 53.5013, 50.1328,
-28.7696

■ 57.9951, 39.3713,
-22.4938

■ 63.0861, 28.3096,
-15.8713

■ 68.6899, 17.2407,
-9.1047

■ 74.7323, 6.3298,
-2.3185

Harmonies

Analogous

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



42.3000, 42.8797, -106.3546



42.2990, 81.6465, -44.0468



42.3000, 96.1218, 4.5803

Triad

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



42.3000, 81.6438, -44.0447



42.3000, -4.6955, 29.6100



42.3000, -47.5756, -52.1957

Complementary

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



42.2990, 81.6465, -44.0468



68.6523, -58.6409, 40.7812

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.



42.3000, -52.7700, -0.1094



42.2990, 81.6465, -44.0468



42.3000, -33.9652, 29.0839

Square

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



42.3000, 81.6438, -44.0447



42.3000, 37.0695, 29.3999



42.3000, -48.8223, 23.4725



42.3000, -31.0013, -113.3051

Rectangle

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



42.2990, 81.6465, -44.0468



42.3000, 87.0905, 20.7165



42.3000, -48.8223, 23.4725



42.3000, -50.3881, -32.0593

Sweetspot

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



42.3000, 81.6438, -44.0447



77.5298, 35.3443, -19.8354



22.0905, 59.3402, -152.5275



34.5979, 19.0471, -10.7998

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.3000, 81.6438, -44.0447



52.1181, 100.5795, -54.1178



38.3514, 67.5257, 10.4223



35.5157, 2.7094, -0.9182



33.2460, 64.1892, -34.7523



8.1984, 15.8813, -8.9752

Inverse Universe

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



42.3000, 81.6438, -44.0447



52.1181, 100.5795, -54.1178



69.6669, -52.3228, 25.8739



35.5157, 2.7094, -0.9182



33.2460, 64.1892, -34.7523



8.1984, 15.8813, -8.9752

Previews

White Background



This preview shows how the HunterLab color 42.2990, 81.6465, -44.0468 looks on a white background.

Color Contrast Check

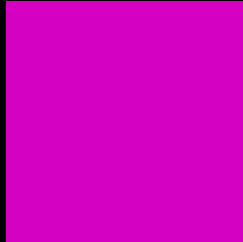
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.2990, 81.6465, -44.0468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

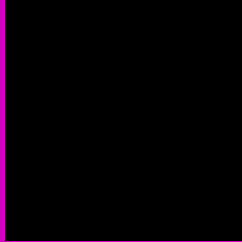
Any Text WCAG AA ✓ Pass

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 42.2990, 81.6465, -44.0468 Background



This preview shows how black text looks on a background with the HunterLab color 42.2990, 81.6465, -44.0468.



This preview shows how white text looks on a background with the HunterLab color 42.2990, 81.6465, -44.0468.

-44.0468.

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

42.2990, 81.6465, -44.0468

Protanopia

43.3510, 16.6153, -90.0527

Deuteranopia

43.1807, 3.2437, -34.1018



Tritanopia

42.6386, 43.2578, 16.2063

Trichromacy



Original Color

42.2990, 81.6465, -44.0468



Protanomaly

34.4004, 39.2735, -102.1255



Deuteranomaly

37.0143, 37.0764, -50.9541



Tritanomaly

40.6180, 59.6434, -0.8037

Monochromacy



Original Color

42.2990, 81.6465, -44.0468



Achromatopsia

30.5056, -1.6277, 1.6574



Achromatomaly

30.1970, 33.3615, -18.9035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2990, 81.6465, -44.0468 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(212, 0, 194)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 194)  
}
```

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(212, 0, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2990, 81.6465, -44.0468 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(212, 0, 194) }
```


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

```
.border{ border-color:rgb(212, 0, 194) }
```

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

Here you see how a box with a 4 pixel rgb(212, 0, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 194);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2990, 81.6465, -44.0468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 194) }
```

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

```
.background{ background-color: rgb(212, 0,  
194) }
```

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](#)