

Converting Colors

HunterLab(43.8994, 72.2562,
-50.2438)

Have a look what the booklet for
HunterLab(43.8994, 72.2562,
-50.2438) contains.

HunterLab(43.8285, 72.3442, -50.7183)	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(43.8285, 72.3442,
-50.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	CA31CE
RGB	202, 49, 206
RGB Percent	79%, 19%, 81%
CMY	0.2078, 0.8078, 0.1922
CMYK	0.02, 0.76, 0.00, 0.19
HSL	298°, 62%, 50%
HSV	298°, 76%, 81%
XYZ	36.5960, 19.2094, 60.1714
YIQ	112.6450, 40.7910, 81.2630

Conversions

Conversions Part 2

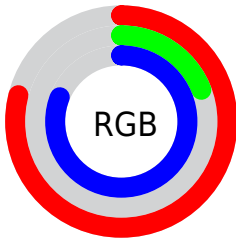
Format	Color
R_{YB}	202, 49, 206
Decimal	13251022
CIE _{Lab}	50.93, 75.25, -48.72
CIE _{LCh}	51, 89.647, 327.077
Yxy	19.2102, 0.3155, 0.1656
Android (android.graphics.Color)	4291441102 (0xFFCA31CE)
YUV	112.6450, 46.0240, 78.3643
Hunter-Lab	43.8285, 72.3442, -50.7183

Details

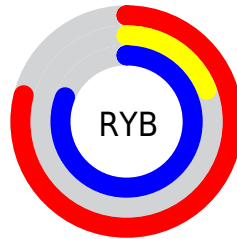
The HunterLab color **43.8285, 72.3442, -50.7183** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **67.1726, -53.5251, 37.8889**, and the grayscale version is **40.3199, -2.1514, 2.1907**.

A 20% lighter version of the original color is **63.2996, 72.7582, -48.3364**, and **28.5721, 56.7505, -42.1556** is the 20% darker color. If you saturate the color by 10%, you get **42.1780, 77.6171, -54.7344**, and if you desaturate by 10%, it is **46.2793, 64.8298, -45.1570**.

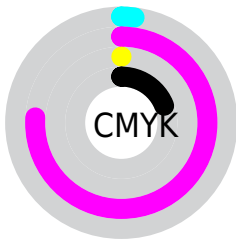
Distribution



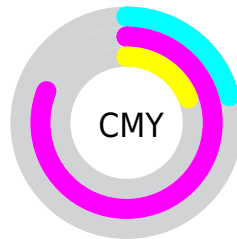
- Red (79%)
- Green (19%)
- Blue (81%)



- Red (79%)
- Yellow (19%)
- Blue (81%)



- Cyan (2%)
- Magenta (76%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.8285, 72.3442, -50.7183 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 43.8285, 72.3442, -50.7183 by changing the saturation by 10% instead.

43.8285, 72.3442,
-50.7183

43.8285, 72.3442,
-50.7183

157.3553, 90.9715,
-56.7894

34.3836, 69.9658,
-50.3052

64.8761, 77.0562,
-52.0306

25.7348, 67.7212,
-50.3090

76.3863, 79.3117,
-52.7690

17.9648, 65.9136,
-51.2123

88.5067, 81.4798,
-53.5097

11.1872, 65.4078,
-54.3249

101.2080, 83.5566,
-54.2335

3.2126, 131.9882,
-116.5751

114.4646, 85.5419,
-54.9289

0.0000, INF, -NF

0.0000, NaN, -NF

128.2543, 87.4375,

-55.5891

0.0000, NaN, NaN

142.5571, 89.2463,
-56.2100

0.0000, NaN, NaN

■ 43.8285, 72.3442,
-50.7183

■ 43.8285, 72.3442,
-50.7183

■ 42.1780, 77.6171,
-54.7344

■ 46.2793, 64.8298,
-45.1570

■ 41.2754, 80.4261,
-57.0365

■ 49.5049, 55.6360,
-38.4560

■ 41.0360, 81.1344,
-57.6609

■ 53.4422, 45.3883,
-31.0568

■ 58.0087, 34.6201,
-23.3317

■ 63.1198, 23.7087,
-15.5405

■ 68.6976, 12.8851,
-7.8395

■ 74.6749, 2.2705,
-0.3083

■ 80.9954, -8.0851,
7.0230

■ 87.6128, -18.1738,
14.1525

Harmonies

Analogous

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



43.8295, 33.8857, -106.3040



43.8285, 72.3442, -50.7183



43.8295, 90.5944, -1.1118

Triad

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



43.8295, 72.3422, -50.7163



43.8295, 1.2502, 30.6806



43.8295, -48.5606, -39.4948

Complementary

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



43.8285, 72.3442, -50.7183



67.1726, -53.5251, 37.8889

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.



43.8295, -52.3085, 5.6169



43.8285, 72.3442, -50.7183



43.8295, -29.6417, 29.9247

Square

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



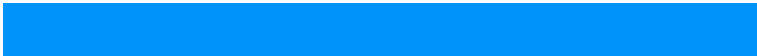
43.8295, 72.3422, -50.7163



43.8295, 42.0560, 29.4924



43.8295, -46.6703, 25.2231



43.8295, -34.0120, -96.9043

Rectangle

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



43.8285, 72.3442, -50.7183



43.8295, 85.5533, 17.6684



43.8295, -46.6703, 25.2231



43.8295, -50.8704, -21.7317

Sweetspot

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



43.8295, 72.3422, -50.7163



82.3624, 26.1281, -16.8962



27.8751, 39.1909, -106.3381



36.9401, 14.4320, -9.4868

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



43.8295, 72.3422, -50.7163



52.9027, 101.2774, -71.6590



41.2375, 61.0154, -5.2892



33.7470, 2.6071, -1.2444



32.2119, 63.6822, -45.2184



7.3484, 14.5107, -10.1843

Inverse Universe

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



39.4667, 53.9311, 20.2022



46.8602, 77.0875, 28.7653



67.9763, -48.4054, 24.9029



33.4936, 1.2016, 2.7118



28.4416, 48.7397, 18.1261



6.4728, 11.1179, 3.9269

Previews

White Background



This preview shows how the HunterLab color 43.8285, 72.3442, -50.7183 looks on a white background.

Color Contrast Check

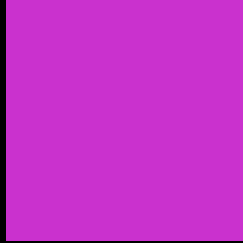
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8285, 72.3442, -50.7183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

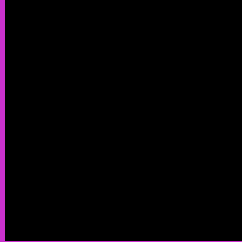
Any Text WCAG AA ✓ Pass

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 43.8285, 72.3442, -50.7183 Background



This preview shows how black text looks on a background with the HunterLab color 43.8285, 72.3442, -50.7183.



This preview shows how white text looks on a background with the HunterLab color 43.8285, 72.3442, -50.7183.

-50.7183.

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

43.8285, 72.3442, -50.7183

Protanopia

44.2291, 17.2797, -92.5845

Deuteranopia

44.1831, 3.6183, -41.9940



Tritanopia

43.7293, 33.8859, 12.2055

Trichromacy



Original Color

43.8285, 72.3442, -50.7183



Protanomaly

38.6703, 30.5670, -93.8333



Deuteranomaly

40.7345, 28.2445, -53.0511



Tritanomaly

42.7874, 47.2701, -5.6020

Monochromacy



Original Color

43.8285, 72.3442, -50.7183



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

39.2921, 24.8213, -17.0068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.8285, 72.3442, -50.7183 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(202, 49, 206)` looks like.

```
.text, #text, p{  
    color:rgb(202, 49, 206)  
}
```

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(202, 49, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 49, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 43.8285, 72.3442, -50.7183 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(202, 49, 206) }
```


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

```
.border{ border-color:rgb(202, 49, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 49, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 49, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 49, 206);  
box-shadow:4px 4px 4px 4px rgb(202, 49,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.8285, 72.3442, -50.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 49, 206) }
```

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

```
.background{ background-color: rgb(202, 49,  
206) }
```

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