

Converting Colors

HunterLab(45.4580, 71.1545,
-24.8141)

Have a look what the booklet for
HunterLab(45.4580, 71.1545,
-24.8141) contains.

HunterLab(45.4867, 70.9992, -24.9457)	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(45.4867, 70.9992,
-24.9457)**

Conversions

Conversions Part 1

Format	Color
Hex	DB34B1
RGB	219, 52, 177
RGB Percent	86%, 20%, 69%
CMY	0.1412, 0.7960, 0.3059
CMYK	0.00, 0.76, 0.19, 0.14
HSL	315°, 70%, 53%
HSV	315°, 76%, 86%
XYZ	38.3772, 20.6904, 43.5660
YIQ	116.1830, 59.4070, 74.2790

Conversions

Conversions Part 2

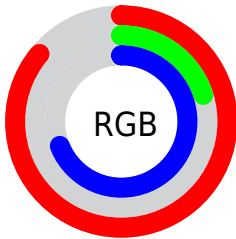
Format	Color
R_{YB}	219, 52, 177
Decimal	14365873
CIE Lab	52.61, 73.83, -29.08
CIE LCh	53, 79.348, 338.499
Yxy	20.6915, 0.3739, 0.2016
Android (android.graphics.Color)	4292555953 (0xFFDB34B1)
YUV	116.1830, 29.9828, 90.1705
Hunter-Lab	45.4867, 70.9992, -24.9457

Details

The HunterLab color **45.4867, 70.9992, -24.9457** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **72.2510, -55.3632, 34.8594**, and the grayscale version is **41.7355, -2.2269, 2.2676**.

A 20% lighter version of the original color is **62.7731, 66.6724, -32.9655**, and **29.8811, 56.0423, -18.4425** is the 20% darker color. If you saturate the color by 10%, you get **43.5355, 75.8380, -24.6521**, and if you desaturate by 10%, it is **48.3159, 63.7883, -23.7579**.

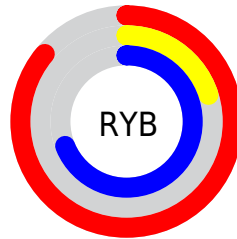
Distribution



Red (86%)

Green (20%)

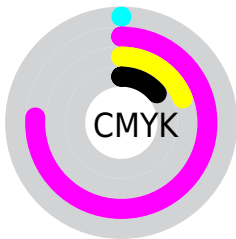
Blue (69%)



Red (86%)

Yellow (20%)

Blue (69%)

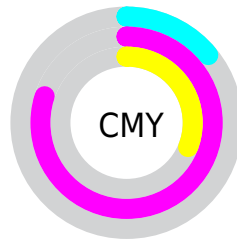


Cyan (0%)

Magenta (76%)

Yellow (19%)

Black (14%)



Cyan (14%)

Magenta (80%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4867, 70.9992, -24.9457 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 45.4867, 70.9992, -24.9457 by changing the saturation by 10% instead.

45.4867, 70.9992,
-24.9457

45.4867, 70.9992,
-24.9457

159.8856, 89.1683,
-27.8543

35.9147, 68.6320,
-24.3772

66.7634, 75.6308,
-25.9627

27.1271, 66.3545,
-23.8119

78.3782, 77.8355,
-26.3942

19.2028, 64.4089,
-23.3343

90.5980, 79.9499,
-26.7703

12.2488, 63.4701,
-23.1860

103.3941, 81.9718,
-27.0912

5.3755, 82.8858,
-30.5954

116.7417, 83.9018,
-27.3582

0.0000, INF, -NF

0.0000, NaN, NaN

130.6188, 85.7425,

-27.5732

0.0000, NaN, NaN

145.0059, 87.4968,
-27.7378

0.0000, NaN, NaN

■ 45.4867, 70.9992,
-24.9457

■ 45.4867, 70.9992,
-24.9457

■ 43.5355, 75.8380,
-24.6521

■ 48.3159, 63.7883,
-23.7579

■ 42.4158, 78.0477,
-22.9152

■ 51.9837, 54.8202,
-21.2830

■ 42.1160, 78.4820,
-22.0644

■ 56.4117, 44.7536,
-17.8055

■ 61.5044, 34.1344,
-13.6106

■ 67.1674, 23.3389,
-8.9311

■ 73.3162, 12.5931,
-3.9366

■ 79.8792, 2.0139,
1.2582

■ 86.7974, -8.3501,
6.5791

■ 94.0228, -18.4901,
11.9799

Harmonies

Analogous

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



45.4879, 43.0580, -72.2976



45.4867, 70.9992, -24.9457



45.4879, 76.7533, 10.3721

Triad

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



45.4879, 70.9960, -24.9439



45.4879, -11.2509, 30.7270



45.4879, -41.5516, -51.8067

Complementary

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



45.4867, 70.9992, -24.9457



72.2510, -55.3632, 34.8594

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.



45.4879, -49.0059, -7.1515



45.4867, 70.9992, -24.9457



45.4879, -34.9999, 28.6936

Square

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



45.4879, 70.9960, -24.9439



45.4879, 22.6511, 30.2817



45.4879, -46.9987, 19.2463



45.4879, -23.0321, -93.9556

Rectangle

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



45.4867, 70.9992, -24.9457



45.4879, 66.0475, 22.6102



45.4879, -46.9987, 19.2463



45.4879, -45.1610, -35.7063

Sweetspot

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



45.4879, 70.9960, -24.9439



81.9780, 23.8162, -8.8315



31.5252, 50.1812, -105.7384



36.7296, 13.1792, -5.0666

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.4879, 70.9960, -24.9439



50.7542, 92.1645, -28.1163



42.8030, 60.4270, 12.8429



36.3538, 2.5058, -0.1926



32.4591, 60.5348, -17.3790



8.3431, 15.6968, -5.5310

Inverse Universe

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



45.4879, 70.9960, -24.9439



50.7542, 92.1645, -28.1163



73.8770, -45.4205, 11.2392



36.3538, 2.5058, -0.1926



32.4591, 60.5348, -17.3790



8.3431, 15.6968, -5.5310

Previews

White Background



This preview shows how the HunterLab color 45.4867, 70.9992, -24.9457 looks on a white background.

Color Contrast Check

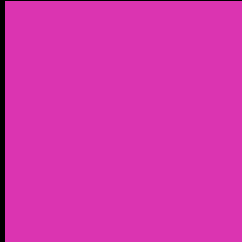
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4867, 70.9992, -24.9457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

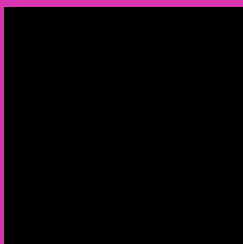
Any Text WCAG AA ✓ Pass

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 45.4867, 70.9992, -24.9457 Background



This preview shows how black text looks on a background with the HunterLab color 45.4867, 70.9992, -24.9457.



This preview shows how white text looks on a background with the HunterLab color 45.4867, 70.9992, -24.9457.

-24.9457.

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

45.4867, 70.9992, -24.9457

Protanopia

46.1902, 13.1434, -71.2259

Deuteranopia

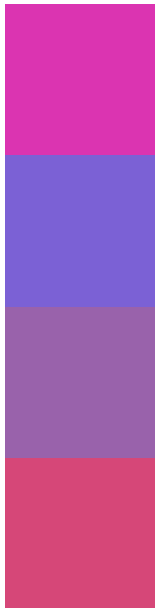
45.7366, 3.4227, -19.1505



Tritanopia

45.3741, 45.0768, 16.6844

Trichromacy



Original Color

45.4867, 70.9992, -24.9457

Protanomaly

41.9099, 30.8075, -62.6924

Deuteranomaly

42.9511, 28.1313, -26.2257

Tritanomaly

44.8984, 54.1146, 5.1486

Monochromacy



Original Color

45.4867, 70.9992, -24.9457

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

40.5413, 24.3259, -9.7572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.4867, 70.9992, -24.9457 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(219, 52, 177)` looks like.

```
.text, #text, p{  
    color:rgb(219, 52, 177)  
}
```

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(219, 52, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 52, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 45.4867, 70.9992, -24.9457 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(219, 52, 177) }
```


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

```
.border{ border-color:rgb(219, 52, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 52, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 52, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 52, 177);  
box-shadow:4px 4px 4px 4px rgb(219, 52,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.4867, 70.9992, -24.9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 52, 177) }
```

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

```
.background{ background-color: rgb(219, 52,  
177) }
```

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