

# Converting Colors

HunterLab(42.5389, 79.6010,  
-24.8513)

Have a look what the booklet for  
HunterLab(42.5389, 79.6010,  
-24.8513) contains.

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# Color

**HunterLab(42.5208, 79.5549,  
-24.7455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC00A9
RGB	220, 0, 169
RGB Percent	86%, 0%, 66%
CMY	0.1373, 0.9998, 0.3373
CMYK	0.00, 1.00, 0.23, 0.14
HSL	314°, 100%, 43%
HSV	314°, 100%, 86%
XYZ	36.6766, 18.0802, 39.0928
YIQ	85.0460, 76.8710, 99.1990

# Conversions

## Conversions Part 2

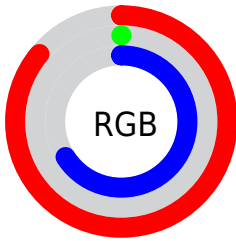
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 0, 169
Decimal	14418089
CIE <sub>Lab</sub>	49.59, 81.28, -29.06
CIE <sub>LCh</sub>	50, 86.320, 340.330
Yxy	18.0812, 0.3908, 0.1927
Android (android.graphics.Color)	4292608169 (0xFFDC00A9)
YUV	85.0460, 41.3893, 118.3547
Hunter-Lab	42.5208, 79.5549, -24.7455

# Details

The HunterLab color **42.5208, 79.5549, -24.7455** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **71.7121, -60.3005, 40.5397**, and the grayscale version is **29.9990, -1.6007, 1.6299**.

A 20% lighter version of the original color is **58.9081, 75.1842, -34.0808**, and **29.5543, 54.8790, -13.9755** is the 20% darker color. If you saturate the color by 10%, you get **42.5205, 79.5536, -24.7399**, and if you desaturate by 10%, it is **43.4177, 77.9959, -26.6348**.

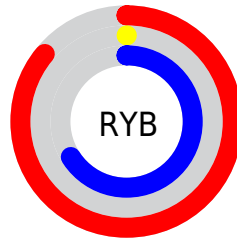
# Distribution



Red (86%)

Green (0%)

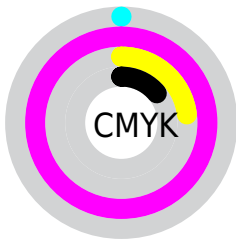
Blue (66%)



Red (86%)

Yellow (0%)

Blue (66%)

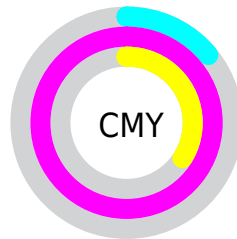


Cyan (0%)

Magenta (100%)

Yellow (23%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5208, 79.5549, -24.7455 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 42.5208, 79.5549, -24.7455 by changing the saturation by 10% instead.



42.5208, 79.5549,  
-24.7455

42.5208, 79.5549,  
-24.7455

155.3474, 99.6153,  
-27.7860

33.1787, 77.1366,  
-24.1726

63.3842, 84.4997,  
-25.7889

24.6422, 74.9718,  
-23.6208

74.8103, 86.9093,  
-26.2363

16.9975, 73.4976,  
-23.2034

86.8509, 89.2431,  
-26.6284

10.3641, 73.9820,  
-23.2633

99.4760, 91.4922,  
-26.9651

0.0000, INF, -NF

0.0000, NaN, NaN

112.6596, 93.6534,  
-27.2474

0.0000, NaN, NaN

126.3792, 95.7265,

0.0000, NaN, NaN

-27.4771

140.6145, 97.7130,  
-27.6560

■ 42.5208, 79.5549,  
-24.7455

■ 42.5208, 79.5549,  
-24.7455

■ 42.5205, 79.5536,  
-24.7399

■ 43.4177, 77.9959,  
-26.6348

■ 45.0366, 74.0745,  
-27.2383

■ 47.5292, 67.6085,  
-26.3054

■ 50.8856, 59.1140,  
-23.9736

■ 55.0400, 49.2626,  
-20.5230

■ 59.9007, 38.6617,  
-16.2604

■ 65.3711, 27.7581,  
-11.4492

■ 71.3623, 16.8345,  
-6.2860

■ 77.7972, 6.0468,  
-0.9051

# Harmonies

## Analogous

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



42.5219, 49.4993, -78.8907



42.5208, 79.5549, -24.7455



42.5219, 84.2134, 12.1138

# Triad

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



42.5219, 79.5514, -24.7437



42.5219, -13.4833, 29.7082



42.5219, -41.8286, -61.7697

# Complementary

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



42.5208, 79.5549, -24.7455



71.7121, -60.3005, 40.5397

# 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.



42.5219, -49.7063, -10.5702



42.5208, 79.5549, -24.7455



42.5219, -37.1419, 27.7584

# Square

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



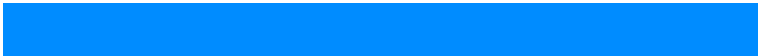
42.5219, 79.5514, -24.7437



42.5219, 22.3337, 29.3536



42.5219, -48.3181, 18.5018



42.5219, -22.3048, -109.6061



# Rectangle

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



42.5208, 79.5549, -24.7455



42.5219, 71.1101, 23.3936



42.5219, -48.3181, 18.5018



42.5219, -45.5945, -43.2331

# Sweetspot

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



42.5219, 79.5514, -24.7437



77.0908, 33.1571, -13.6917



24.0609, 62.6711, -150.9262



34.3598, 17.8830, -7.4795

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



42.5219, 79.5514, -24.7437



50.2393, 93.9579, -28.9431



39.4568, 68.4568, 18.5847



36.3600, 2.5392, -0.2812



32.6018, 61.0423, -19.3266



8.3750, 15.8097, -5.9621



# Inverse Universe

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



42.5219, 79.5514, -24.7437



50.2393, 93.9579, -28.9431



73.2423, -50.8257, 18.1735



36.3600, 2.5392, -0.2812



32.6018, 61.0423, -19.3266



8.3750, 15.8097, -5.9621



# Previews

## White Background



This preview shows how the HunterLab color 42.5208, 79.5549, -24.7455 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

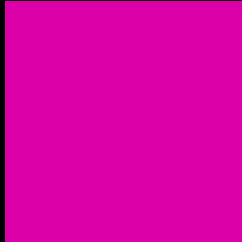
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.5208, 79.5549, -24.7455 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

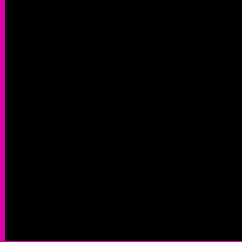
Any Text WCAG AA ✓ Pass

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 42.5208, 79.5549, -24.7455 Background



This preview shows how black text looks on a background with the HunterLab color 42.5208, 79.5549, -24.7455.



This preview shows how white text looks on a background with the HunterLab color 42.5208, 79.5549, -24.7455.

-24.7455.

# 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

42.5208, 79.5549, -24.7455

### Protanopia

43.7486, 15.9232, -84.4873

### Deuteranopia

43.2903, 2.9167, -17.5769



## Tritanopia

42.9576, 50.5791, 19.3584

# Trichromacy



## Original Color

42.5208, 79.5549, -24.7455



## Protanomaly

35.4646, 38.9322, -83.8229



## Deuteranomaly

37.5830, 36.8915, -30.1210



## Tritanomaly

41.4915, 62.8615, 7.1824

# Monochromacy



## Original Color

42.5208, 79.5549, -24.7455



## Achromatopsia

30.1400, -1.6082, 1.6376



## Achromatomaly

29.9460, 32.8513, -13.6862

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.5208, 79.5549, -24.7455 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(220, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(220, 0, 169)  
}
```

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(220, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 0, 169) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.5208, 79.5549, -24.7455 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(220, 0, 169) }
```



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

```
.border{ border-color:rgb(220, 0, 169) }
```

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

Here you see how a box with a 4 pixel rgb(220, 0, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(220, 0,  
169) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.5208, 79.5549, -24.7455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 0, 169) }
```

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

```
.background{ background-color: rgb(220, 0,  
169) }
```

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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