

# Converting Colors

HunterLab(42.2310, 37.4709,  
-23.0890)

Have a look what the booklet for  
HunterLab(42.2310, 37.4709,  
-23.0890) contains.

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# Color

**HunterLab(42.2585, 37.3422,  
-23.2509)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A857A5
RGB	168, 87, 165
RGB Percent	66%, 34%, 65%
CMY	0.3412, 0.6588, 0.3529
CMYK	0.00, 0.48, 0.02, 0.34
HSL	302°, 32%, 50%
HSV	302°, 48%, 66%
XYZ	26.3481, 17.8578, 37.6555
YIQ	120.1110, 23.2380, 41.4300

# Conversions

## Conversions Part 2

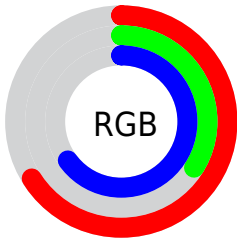
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 87, 165
Decimal	11032485
CIE <sub>Lab</sub>	49.32, 44.45, -27.76
CIE <sub>LCh</sub>	49, 52.405, 328.017
Yxy	17.8586, 0.3219, 0.2182
Android (android.graphics.Color)	4289222565 (0xFFA857A5)
YUV	120.1110, 22.1303, 41.9987
Hunter-Lab	42.2585, 37.3422, -23.2509

# Details

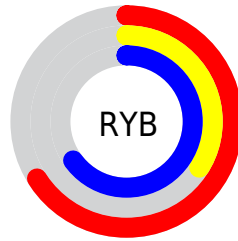
The HunterLab color  $42.2585, 37.3422, -23.2509$  is a dark color, and the websafe version is hex  $993399$ . A complement of this color would be  $55.4710, -33.4264, 23.2559$ , and the grayscale version is  $43.2928, -2.3100, 2.3522$ .

A 20% lighter version of the original color is  $63.1910, 40.1107, -23.8900$ , and  $24.4371, 34.0860, -22.2497$  is the 20% darker color. If you saturate the color by 10%, you get  $39.2745, 45.2869, -28.2984$ , and if you desaturate by 10%, it is  $45.7444, 28.9241, -17.8305$ .

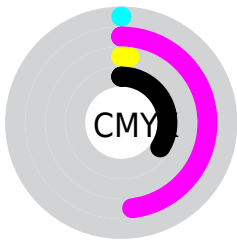
# Distribution



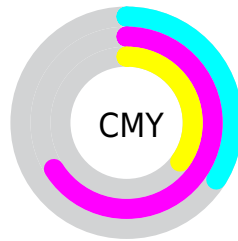
- Red (66%)
- Green (34%)
- Blue (65%)



- Red (66%)
- Yellow (34%)
- Blue (65%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (34%)



- Cyan (34%)
- Magenta (66%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2585, 37.3422, -23.2509 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 42.2585, 37.3422, -23.2509 by changing the saturation by 10% instead.



42.2585, 37.3422,  
-23.2509

42.2585, 37.3422,  
-23.2509

154.9429, 47.6364,  
-26.0039

32.9371, 35.6758,  
-22.6952

63.0843, 40.3165,  
-24.2416

24.4235, 33.9025,  
-22.1463

74.4934, 41.6364,  
-24.6577

16.8043, 32.0706,  
-21.7048

86.5177, 42.8539,  
-25.0169

10.2004, 30.3746,  
-21.6793

99.1274, 43.9761,  
-25.3199

0.0000, INF, -NF

0.0000, NaN, -NF

112.2963, 45.0097,  
-25.5681

0.0000, NaN, NaN

126.0016, 45.9608,

0.0000, NaN, NaN

-25.7635

0.0000, NaN, NaN

140.2232, 46.8347,  
-25.9080

■ 42.2585, 37.3422,  
-23.2509

■ 42.2585, 37.3422,  
-23.2509

■ 39.2745, 45.2869,  
-28.2984

■ 45.7444, 28.9241,  
-17.8305

■ 36.8506, 52.3414,  
-32.6995

■ 49.6647, 20.3471,  
-12.2497

■ 35.0324, 58.0289,  
-36.1469

■ 53.9598, 11.8065,  
-6.6436

■ 33.8307, 61.9523,  
-38.3938

■ 58.5763, 3.4111,  
-1.0912

■ 33.1584, 64.1345,  
-39.4735

■ 63.4695, -4.7900,  
4.3683

■ 33.0540, 64.4739,  
-39.6319

■ 68.6022, -12.7837,  
9.7205

■ 73.9437, -20.5771,  
14.9650

■ 79.4691, -28.1875,  
20.1093

■ 85.1578, -35.6358,  
25.1637

# Harmonies

## Analogous

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



42.2595, 18.2391, -47.0183



42.2585, 37.3422, -23.2509



42.2595, 45.6540, 0.9612

# Triad

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



42.2595, 37.3406, -23.2496



42.2595, -0.8629, 25.4043



42.2595, -32.1091, -19.7822

# Complementary

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



42.2585, 37.3422, -23.2509



55.4710, -33.4264, 23.2559

# 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.



42.2595, -35.2848, 3.5970



42.2585, 37.3422, -23.2509



42.2595, -19.4654, 24.0003

# Square

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



42.2595, 37.3406, -23.2496



42.2595, 21.1055, 23.5302



42.2595, -31.1341, 17.9081



42.2595, -21.4392, -44.4254



# Rectangle

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



42.2585, 37.3422, -23.2509



42.2595, 42.9472, 12.4650



42.2595, -31.1341, 17.9081



42.2595, -33.9858, -11.2546

# Sweetspot

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



42.2595, 37.3406, -23.2496



75.0997, 11.4028, -5.9787



34.3556, 16.0678, -42.4823



34.4669, 6.4232, -3.5175



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



42.2595, 37.3406, -23.2496



52.5970, 61.8709, -38.6654



40.7647, 30.4521, -2.4710



27.6799, 2.0520, -0.8028



28.7267, 56.0379, -34.4791



4.4967, 8.7959, -5.5841



# Inverse Universe

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



42.2595, 37.3406, -23.2496



52.5970, 61.8709, -38.6654



56.2576, -28.7214, 11.8303



27.6799, 2.0520, -0.8028



28.7267, 56.0379, -34.4791

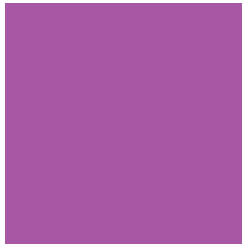


4.4967, 8.7959, -5.5841



# Previews

## White Background



This preview shows how the HunterLab color 42.2585, 37.3422, -23.2509 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

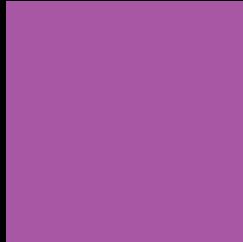
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.2585, 37.3422, -23.2509 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

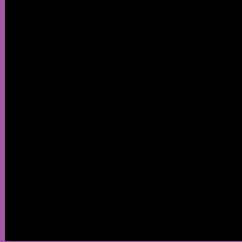
Any Text WCAG AA ✓ Pass

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 42.2585, 37.3422, -23.2509 Background



This preview shows how black text looks on a background with the HunterLab color 42.2585, 37.3422, -23.2509.



This preview shows how white text looks on a background with the HunterLab color 42.2585, 37.3422, -23.2509.

-23.2509.

# 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

42.2585, 37.3422, -23.2509

### Protanopia

42.5041, 7.1920, -40.0496

### Deuteranopia

42.4642, 3.1010, -20.2150



## Tritanopia

42.1594, 19.2063, 6.3625

# Trichromacy



## Original Color

42.2585, 37.3422, -23.2509

## Protanomaly

41.5331, 16.5432, -35.7589

## Deuteranomaly

41.5944, 15.0780, -22.8304

## Tritanomaly

42.0261, 25.6919, -2.9545

# Monochromacy



## Original Color

42.2585, 37.3422, -23.2509

## Achromatopsia

43.3383, -2.3124, 2.3547

## Achromatomaly

42.2150, 11.2110, -6.5049

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.2585, 37.3422, -23.2509 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(168, 87, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 87, 165)  
}
```

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(168, 87, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 87, 165) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.2585, 37.3422, -23.2509 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(168, 87, 165) }
```



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

```
.border{ border-color:rgb(168, 87, 165) }
```

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

Here you see how a box with a 4 pixel rgb(168, 87, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 87, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 87, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 87,  
165) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.2585, 37.3422, -23.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 87, 165) }
```

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

```
.background{ background-color: rgb(168, 87,  
165) }
```

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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