

# Converting Colors

HunterLab(48.3552, 95.7758,  
-69.3201)

Have a look what the booklet for  
HunterLab(48.3552, 95.7758,  
-69.3201) contains.

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# Color

**HunterLab(48.4222, 95.9166,  
-69.4237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E800F0
RGB	232, 0, 240
RGB Percent	91%, 0%, 94%
CMY	0.0902, 0.9999, 0.0588
CMYK	0.03, 1.00, 0.00, 0.06
HSL	298°, 100%, 47%
HSV	298°, 100%, 94%
XYZ	49.0069, 23.4471, 84.3809
YIQ	96.7280, 61.2320, 123.8240

# Conversions

## Conversions Part 2

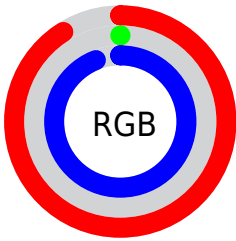
Format	Color
<b>R<sub>YB</sub></b>	232, 0, 240
Decimal	15204592
CIE <sub>Lab</sub>	55.53, 92.62, -60.38
CIE <sub>LCh</sub>	56, 110.559, 326.899
Yxy	23.4482, 0.3125, 0.1495
Android (android.graphics.Color)	4293394672 (0xFFE800F0)
YUV	96.7280, 70.6331, 118.6335
Hunter-Lab	48.4222, 95.9166, -69.4237

# Details

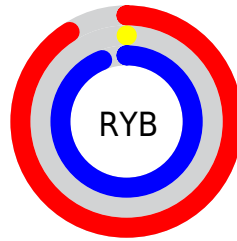
The HunterLab color  $48.4222, 95.9166, -69.4237$  is a light color, and the websafe version is hex  $FF00FF$ . The color can be described as light saturated magenta. A complement of this color would be  $78.9762, -67.5530, 47.4814$ , and the grayscale version is  $34.2089, -1.8253, 1.8586$ .

A 20% lighter version of the original color is  $61.3142, 78.5741, -52.3273$ , and  $34.7517, 69.3512, -53.8050$  is the 20% darker color. If you saturate the color by 10%, you get  $48.4223, 95.9169, -69.4238$ , and if you desaturate by 10%, it is  $49.2304, 93.6695, -67.3083$ .

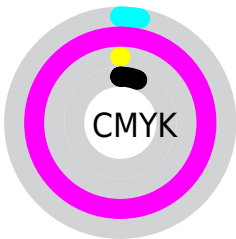
# Distribution



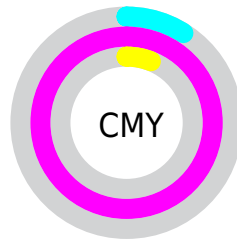
- Red (91%)
- Green (0%)
- Blue (94%)



- Red (91%)
- Yellow (0%)
- Blue (94%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (100%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4222, 95.9166, -69.4237 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 48.4222, 95.9166, -69.4237 by changing the saturation by 10% instead.



48.4222, 95.9166,  
-69.4237

48.4222, 95.9166,  
-69.4237

164.3224,  
117.9328, -76.0872

38.6326, 93.3709,  
-69.3114

70.0915, 101.2021,  
-70.5243

29.6085, 91.1001,  
-69.8376

81.8862, 103.8136,  
-71.2769

21.4226, 89.4878,  
-71.6070

94.2771, 106.3639,  
-72.0822

14.1716, 89.5018,  
-76.0985

107.2367,  
108.8405, -72.9076

7.8251, 96.8838,  
-90.1049

120.7411,  
111.2371, -73.7322

0.0000, INF, -NF

0.0000, NaN, -NF

134.7691,

113.5513, -74.5425

0.0000, NaN, -NF

149.3019,  
115.7828, -75.3295

■ 48.4222, 95.9166,  
-69.4237

■ 48.4222, 95.9166,  
-69.4237

■ 48.4223, 95.9169,  
-69.4238

■ 49.2304, 93.6695,  
-67.3083

■ 50.8264, 88.7158,  
-63.2941

■ 53.3771, 80.8584,  
-57.2645

■ 56.8859, 70.6534,  
-49.6328

■ 61.2910, 58.8649,  
-40.9492

■ 66.4974, 46.2074,  
-31.7190

■ 72.4002, 33.2186,  
-22.3162

■ 78.9005, 20.2441,  
-12.9760

■ 85.9111, 7.4758,  
-3.8245

# Harmonies

## Analogous

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



48.4233, 44.2350, -148.2510



48.4222, 95.9166, -69.4237



48.4233, 121.0305, -2.1357

# Triad

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



48.4233, 95.9142, -69.4212



48.4233, 2.2874, 33.8963



48.4233, -58.8842, -52.9117

# Complementary

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



48.4222, 95.9166, -69.4237



78.9762, -67.5530, 47.4814

# 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.



48.4233, -63.0077, 6.9663



48.4222, 95.9166, -69.4237



48.4233, -36.4344, 33.8963

# Square

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



48.4233, 95.9142, -69.4212



48.4233, 55.7458, 33.6287



48.4233, -56.6087, 29.7389



48.4233, -42.0158, -133.9193



# Rectangle

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



48.4222, 95.9166, -69.4237



48.4233, 114.3051, 21.2591



48.4233, -56.6087, 29.7389



48.4233, -61.4526, -28.7244

# Sweetspot

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



48.4233, 95.9142, -69.4212



77.4853, 35.7429, -24.0199



25.4282, 66.5245, -175.3854



34.5733, 19.2663, -13.0855

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



48.4233, 95.9142, -69.4212



51.8685, 102.7458, -74.3847



44.8164, 80.2234, 1.9950



40.0037, 3.1678, -1.5598



35.8434, 70.9910, -51.3183



10.3786, 20.5341, -14.6920



# Inverse Universe

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



43.0624, 73.7820, 27.5089



46.1288, 79.0373, 29.4943



79.6812, -63.0827, 36.5844



39.7082, 1.5102, 3.2003



31.8660, 54.6136, 20.2648



9.2073, 15.8122, 5.6045



# Previews

## White Background



This preview shows how the HunterLab color 48.4222, 95.9166, -69.4237 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

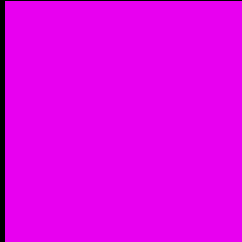
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 48.4222, 95.9166, -69.4237 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

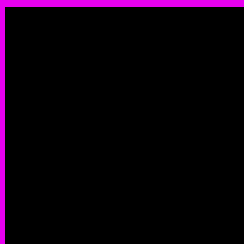
Any Text WCAG AA ✓ Pass

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 48.4222, 95.9166, -69.4237 Background



This preview shows how black text looks on a background with the HunterLab color 48.4222, 95.9166, -69.4237.



This preview shows how white text looks on a background with the HunterLab color 48.4222, 95.9166, -69.4237.

-69.4237.

# 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

48.4222, 95.9166, -69.4237

### Protanopia

49.2030, 15.5435, -83.4122

### Deuteranopia

49.1513, 4.7398, -56.4235



## Tritanopia

48.5221, 42.6303, 15.6012

# Trichromacy



## Original Color

48.4222, 95.9166, -69.4237



## Protanomaly

41.6818, 49.7949, -102.0934



## Deuteranomaly

41.4378, 43.6076, -81.8745



## Tritanomaly

45.8566, 65.3623, -9.0069

# Monochromacy



## Original Color

48.4222, 95.9166, -69.4237



## Achromatopsia

34.5743, -1.8448, 1.8785



## Achromatomaly

34.2435, 39.1224, -27.4453

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.4222, 95.9166, -69.4237 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(232, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 240)  
}
```

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(232, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.4222, 95.9166, -69.4237 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(232, 0, 240) }
```



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

```
.border{ border-color:rgb(232, 0, 240) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 0,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.4222, 95.9166, -69.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 240) }
```

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

```
.background{ background-color: rgb(232, 0,  
240) }
```

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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