

# Converting Colors

HunterLab(48.0397, 63.2514,  
-42.1467)

Have a look what the booklet for  
HunterLab(48.0397, 63.2514,  
-42.1467) contains.

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# Color

**HunterLab(48.0397, 63.2514,  
-42.1467)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF4DCF
RGB	207, 77, 207
RGB Percent	81%, 30%, 81%
CMY	0.1882, 0.6980, 0.1882
CMYK	0.00, 0.63, 0.00, 0.19
HSL	300°, 58%, 56%
HSV	300°, 63%, 81%
XYZ	39.6485, 23.0781, 61.3963
YIQ	130.6900, 35.7500, 67.9900

# Conversions

## Conversions Part 2

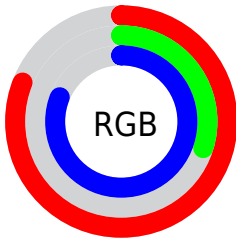
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 77, 207
Decimal	13585871
CIE <sub>Lab</sub>	55.15, 66.90, -42.55
CIE <sub>LCh</sub>	55, 79.285, 327.541
Yxy	23.0792, 0.3194, 0.1859
Android (android.graphics.Color)	4291775951 (0xFFCF4DCF)
YUV	130.6900, 37.6208, 66.9239
Hunter-Lab	48.0397, 63.2514, -42.1467

# Details

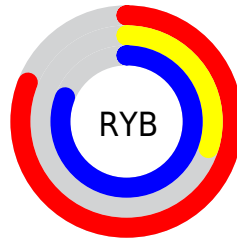
The HunterLab color  $48.0397, 63.2514, -42.1467$  is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be  $68.3668, -49.8940, 35.1638$ , and the grayscale version is  $47.3667, -2.5274, 2.5735$ .

A 20% lighter version of the original color is  $67.4761, 61.3138, -40.4783$ , and  $29.4220, 58.0910, -40.7151$  is the 20% darker color. If you saturate the color by 10%, you get  $45.4188, 71.5271, -47.8213$ , and if you desaturate by 10%, it is  $51.4306, 53.4587, -35.4257$ .

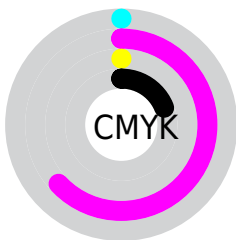
# Distribution



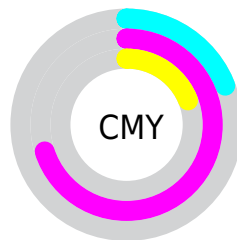
- Red (81%)
- Green (30%)
- Blue (81%)



- Red (81%)
- Yellow (30%)
- Blue (81%)



- Cyan (0%)
- Magenta (63%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (70%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0397, 63.2514, -42.1467 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 48.0397, 63.2514, -42.1467 by changing the saturation by 10% instead.



48.0397, 63.2514,  
-42.1467

48.0397, 63.2514,  
-42.1467

163.7472, 79.4998,  
-47.4719

38.2779, 61.0120,  
-41.5333

69.6587, 67.5092,  
-43.5175

29.2840, 58.7672,  
-41.0940

81.4304, 69.5000,  
-44.1976

21.1314, 56.6541,  
-41.0539

93.7993, 71.3936,  
-44.8485

13.9181, 55.0500,  
-41.9805

106.7379, 73.1916,  
-45.4616

7.5535, 57.7618,  
-47.4333

120.2221, 74.8974,  
-46.0323

0.0000, INF, -NF

0.0000, NaN, NaN

134.2307, 76.5146,

-46.5580

0.0000, NaN, NaN

148.7447, 78.0474,  
-47.0379

■ 48.0397, 63.2514,  
-42.1467

■ 48.0397, 63.2514,  
-42.1467

■ 45.4188, 71.5271,  
-47.8213

■ 51.4306, 53.4587,  
-35.4257

■ 43.5989, 77.6992,  
-52.0513

■ 55.5188, 42.7691,  
-28.0826

■ 42.5553, 81.4160,  
-54.5976

■ 60.2218, 31.6784,  
-20.4557

■ 42.1552, 82.8784,  
-55.5992

■ 65.4562, 20.5271,  
-12.7779

■ 71.1464, 9.5170,  
-5.1880

■ 77.2272, -1.2503,  
2.2440

■ 83.6443, -11.7376,  
9.4915

■ 90.3531, -21.9445,  
16.5537

■ 94.4937, -27.9285,  
20.6977

# Harmonies

## Analogous

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



48.0408, 30.2943, -87.0904



48.0397, 63.2514, -42.1467



48.0408, 78.3013, -0.0372

# Triad

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



48.0408, 63.2493, -42.1448



48.0408, 0.1764, 32.2491



48.0408, -46.7480, -34.3242

# Complementary

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



48.0397, 63.2514, -42.1467



68.3668, -49.8940, 35.1638

# 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.



48.0408, -50.8118, 5.1241



48.0397, 63.2514, -42.1467



48.0408, -28.4389, 31.2148

# Square

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



48.0408, 63.2493, -42.1448



48.0408, 36.2835, 30.7133



48.0408, -45.1134, 24.9873



48.0408, -32.0017, -80.8182



# Rectangle

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



48.0397, 63.2514, -42.1467



48.0408, 73.7826, 17.4368



48.0408, -45.1134, 24.9873



48.0408, -49.2015, -19.2666

# Sweetspot

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



48.0408, 63.2493, -42.1448



85.3744, 20.9815, -12.7275



33.7515, 30.7254, -82.3644



38.5539, 11.5838, -7.1817

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



48.0408, 63.2493, -42.1448



56.6732, 93.2932, -62.4198



45.3070, 51.7876, -4.6666



34.6541, 2.7673, -1.2565



33.4606, 65.7845, -44.1318



7.9121, 15.5555, -10.4355



# Inverse Universe

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



48.0408, 63.2493, -42.1448



56.6732, 93.2932, -62.4198



69.3955, -43.6150, 20.1319



34.6541, 2.7673, -1.2565



33.4606, 65.7845, -44.1318



7.9121, 15.5555, -10.4355



# Previews

## White Background



This preview shows how the HunterLab color 48.0397, 63.2514, -42.1467 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

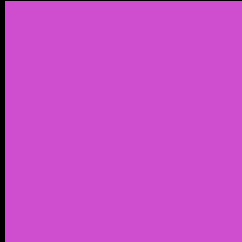
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 48.0397, 63.2514, -42.1467 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

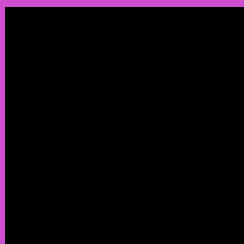
Any Text WCAG AA ✓ Pass

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 48.0397, 63.2514, -42.1467 Background



This preview shows how black text looks on a background with the HunterLab color 48.0397, 63.2514, -42.1467.



This preview shows how white text looks on a background with the HunterLab color 48.0397, 63.2514, -42.1467.

-42.1467.

# 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

48.0397, 63.2514, -42.1467

### Protanopia

48.5332, 16.1060, -84.3600

### Deuteranopia

48.4389, 3.8125, -35.4797



## Tritanopia

47.9675, 30.4532, 11.1428

# Trichromacy



## Original Color

48.0397, 63.2514, -42.1467

## Protanomaly

45.3458, 29.1512, -76.3063

## Deuteranomaly

46.3337, 24.1710, -41.7365

## Tritanomaly

47.5083, 41.5186, -4.4481

# Monochromacy



## Original Color

48.0397, 63.2514, -42.1467

## Achromatopsia

47.6409, -2.5420, 2.5884

## Achromatomaly

46.0901, 20.9677, -13.4272

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.0397, 63.2514, -42.1467 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(207, 77, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 77, 207)  
}
```

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(207, 77, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 77, 207) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.0397, 63.2514, -42.1467 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(207, 77, 207) }
```



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

```
.border{ border-color:rgb(207, 77, 207) }
```

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

Here you see how a box with a 4 pixel rgb(207, 77, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 77, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 77, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 77,  
207) }
```

# Background

The CSS property to change the background color of an element to HunterLab 48.0397, 63.2514, -42.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 77, 207) }
```

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

```
.background{ background-color: rgb(207, 77,  
207) }
```

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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