

# Converting Colors

HunterLab(42.0772, 79.5731,  
-52.4588)

Have a look what the booklet for  
HunterLab(42.0772, 79.5731,  
-52.4588) contains.

<b>HunterLab(42.1387, 79.5553, -52.1382)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(42.1387, 79.5553,  
-52.1382)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD13CB
RGB	205, 19, 203
RGB Percent	80%, 7%, 80%
CMY	0.1961, 0.9254, 0.2039
CMYK	0.00, 0.91, 0.01, 0.20
HSL	301°, 83%, 44%
HSV	301°, 91%, 80%
XYZ	36.1892, 17.7567, 58.0200
YIQ	95.5900, 51.7920, 96.6560

# Conversions

## Conversions Part 2

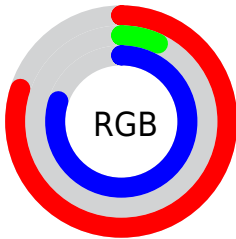
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">205, 19, 203</a>
Decimal	<a href="#">13439947</a>
CIELab	<a href="#">49.20, 81.36, -49.73</a>
CIELCh	<a href="#">49, 95.356, 328.566</a>
Yxy	<a href="#">17.7575, 0.3232, 0.1586</a>
Android (android.graphics.Color)	<a href="#">4291630027 (0xFFCD13CB)</a>
YUV	<a href="#">95.5900, 52.9531, 95.9526</a>
Hunter-Lab	<a href="#">42.1387, 79.5553, -52.1382</a>

# Details

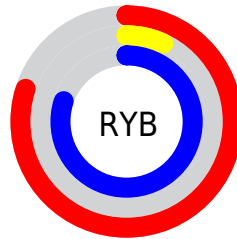
The HunterLab color  $42.1387, 79.5553, -52.1382$  is a dark color, and the websafe version is hex `CC00CC`. The color can be described as middle washed magenta. A complement of this color would be  $66.2240, -55.9568, 39.1913$ , and the grayscale version is  $33.8475, -1.8060, 1.8390$ .

A 20% lighter version of the original color is  $61.0044, 79.5059, -52.9665$ , and  $28.7213, 56.6302, -39.1468$  is the 20% darker color. If you saturate the color by 10%, you get  $41.5709, 81.5399, -53.3572$ , and if you desaturate by 10%, it is  $43.3440, 75.3926, -49.4467$ .

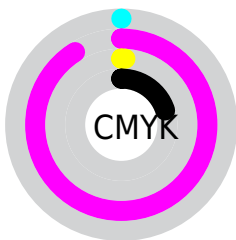
# Distribution



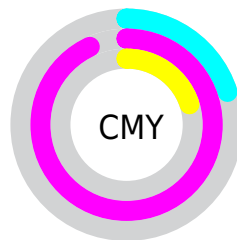
- Red (80%)
- Green (7%)
- Blue (80%)



- Red (80%)
- Yellow (7%)
- Blue (80%)



- Cyan (0%)
- Magenta (91%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (93%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1387, 79.5553, -52.1382 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 42.1387, 79.5553, -52.1382 by changing the saturation by 10% instead.



42.1387, 79.5553,  
-52.1382

42.1387, 79.5553,  
-52.1382

154.7581, 99.6573,  
-58.2710

32.8269, 77.1433,  
-51.8138

62.9474, 84.5048,  
-53.3927

24.3238, 74.9958,  
-51.9986

74.3487, 86.9189,  
-54.1310

16.7163, 73.5690,  
-53.2913

86.3656, 89.2578,  
-54.8813

10.1259, 74.1959,  
-57.3852

98.9682, 91.5123,  
-55.6210

0.0000, INF, -NF

0.0000, NaN, -NF

112.1303, 93.6791,  
-56.3365

0.0000, NaN, NaN

125.8292, 95.7577,

0.0000, NaN, NaN

-57.0197

140.0445, 97.7497,  
-57.6655

■ 42.1387, 79.5553,  
-52.1382

■ 42.1387, 79.5553,  
-52.1382

■ 41.5709, 81.5399,  
-53.3572

■ 43.3440, 75.3926,  
-49.4467

■ 45.3276, 68.8489,  
-45.1292

■ 48.1003, 60.3403,  
-39.4591

■ 51.6182, 50.4734,  
-32.8420

■ 55.8079, 39.8363,  
-25.6741

60.5857, 28.8864,  
-18.2661

65.8705, 17.9266,  
-10.8254

71.5897, 7.1308,  
-3.4731

77.6816, -3.4174,  
3.7311

# Harmonies

## Analogous

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



42.1397, 38.4979, -115.0500



42.1387, 79.5553, -52.1382



42.1397, 97.9662, 0.5239

# Triad

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



42.1397, 79.5530, -52.1361



42.1397, -0.4137, 29.4978



42.1397, -49.0109, -46.0499

# Complementary

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



42.1387, 79.5553, -52.1382



66.2240, -55.9568, 39.1913

# 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.



42.1397, -53.1148, 3.9900



42.1387, 79.5553, -52.1382



42.1397, -31.7081, 29.3915

# Square

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



42.1397, 79.5530, -52.1361



42.1397, 42.8139, 29.1567



42.1397, -48.1023, 24.7809



42.1397, -33.8838, -109.8376



# Rectangle

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



42.1387, 79.5553, -52.1382



42.1397, 91.3031, 18.9182



42.1397, -48.1023, 24.7809



42.1397, -51.4269, -26.2363

# Sweetspot

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



42.1397, 79.5530, -52.1361



79.7580, 32.2171, -20.1545



22.3894, 52.6757, -138.2334



35.8501, 17.1551, -10.8502

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



42.1397, 79.5530, -52.1361



53.2020, 104.3508, -68.2621



38.2306, 65.3964, 0.9245



33.7663, 2.6650, -1.1689



32.8011, 64.3405, -42.1183



7.4548, 14.6297, -9.6260



# Inverse Universe

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



42.1397, 79.5530, -52.1361



53.2020, 104.3508, -68.2621



67.0612, -50.7448, 26.8790



33.7663, 2.6650, -1.1689



32.8011, 64.3405, -42.1183



7.4548, 14.6297, -9.6260



# Previews

## White Background



This preview shows how the HunterLab color 42.1387, 79.5553, -52.1382 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

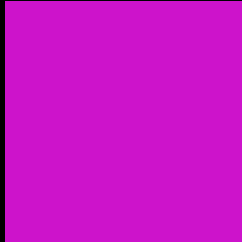
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.1387, 79.5553, -52.1382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

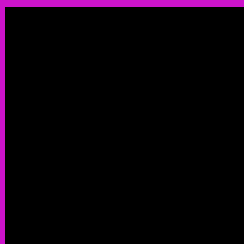
Any Text WCAG AA ✓ Pass

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 42.1387, 79.5553, -52.1382 Background



This preview shows how black text looks on a background with the HunterLab color 42.1387, 79.5553, -52.1382.



This preview shows how white text looks on a background with the HunterLab color 42.1387, 79.5553, -52.1382.

-52.1382.

# 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

42.1387, 79.5553, -52.1382

### Protanopia

42.8783, 16.1085, -88.3678

### Deuteranopia

42.6313, 3.7202, -42.2166



## Tritanopia

42.1464, 37.8861, 14.2484

# Trichromacy



## Original Color

42.1387, 79.5553, -52.1382



## Protanomaly

35.5442, 36.0404, -98.6903



## Deuteranomaly

37.5663, 33.5371, -57.7506



## Tritanomaly

40.5973, 54.2712, -4.3658

# Monochromacy



## Original Color

42.1387, 79.5553, -52.1382



## Achromatopsia

34.2010, -1.8249, 1.8582



## Achromatomaly

33.3433, 30.4816, -19.6790

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.1387, 79.5553, -52.1382 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(205, 19, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 19, 203)  
}
```

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(205, 19, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 19, 203) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.1387, 79.5553, -52.1382 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(205, 19, 203) }
```



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

```
.border{ border-color:rgb(205, 19, 203) }
```

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

Here you see how a box with a 4 pixel rgb(205, 19, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 19, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 19, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 19,  
203) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.1387, 79.5553, -52.1382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 19, 203) }
```

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

```
.background{ background-color: rgb(205, 19,  
203) }
```

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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