

# Converting Colors

HunterLab(45.2699, 40.8615,  
7.8108)

Have a look what the booklet for  
HunterLab(45.2699, 40.8615,  
7.8108) contains.

<b>HunterLab(45.4003, 40.9159, 7.9017)</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(45.4003, 40.9159,  
7.9017)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C95872
RGB	201, 88, 114
RGB Percent	79%, 35%, 45%
CMY	0.2118, 0.6549, 0.5529
CMYK	0.00, 0.56, 0.43, 0.21
HSL	346°, 51%, 57%
HSV	346°, 56%, 79%
XYZ	30.6144, 20.6119, 18.2846
YIQ	124.7510, 59.0020, 32.0420

# Conversions

## Conversions Part 2

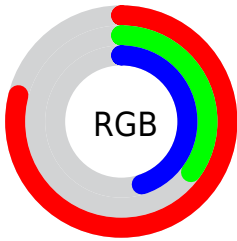
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 88, 114
Decimal	13195378
CIE <sub>Lab</sub>	52.52, 47.38, 7.80
CIE <sub>LCh</sub>	53, 48.022, 9.350
Yxy	20.6130, 0.4404, 0.2965
Android (android.graphics.Color)	4291385458 (0xFFC95872)
YUV	124.7510, -5.3002, 66.8704
Hunter-Lab	45.4003, 40.9159, 7.9017

# Details

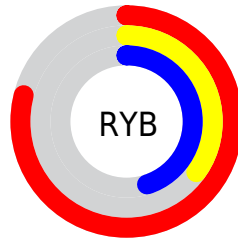
The HunterLab color **45.4003, 40.9159, 7.9017** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **68.5154, -34.8400, 6.5099**, and the grayscale version is **45.1934, -2.4114, 2.4554**.

A 20% lighter version of the original color is **65.8477, 41.4399, 8.8169**, and **27.0568, 37.4575, 6.0334** is the 20% darker color. If you saturate the color by 10%, you get **41.7519, 48.2586, 9.9780**, and if you desaturate by 10%, it is **49.7623, 32.9225, 6.2958**.

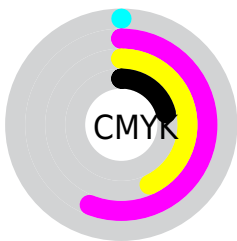
# Distribution



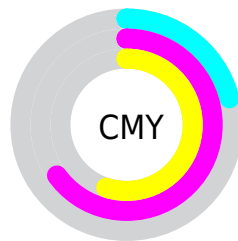
- Red (79%)
- Green (35%)
- Blue (45%)



- Red (79%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (56%)
- Yellow (43%)
- Black (21%)



- Cyan (21%)
- Magenta (65%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4003, 40.9159, 7.9017 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 45.4003, 40.9159, 7.9017 by changing the saturation by 10% instead.



45.4003, 40.9159,  
7.9017

45.4003, 40.9159,  
7.9017

159.7543, 51.8546,  
17.2776

35.8349, 39.1850,  
6.9124

66.6652, 44.0251,  
9.8967

27.0544, 37.3528,  
5.9172

78.2747, 45.4165,  
10.9081

19.1381, 35.4610,  
4.9040

90.4893, 46.7066,  
11.9322

12.1930, 33.6695,  
3.8470

103.2805, 47.9020,  
12.9703

5.2853, 43.6345,  
3.6997

116.6234, 49.0091,  
14.0234

0.0000, INF, NaN

0.0000, NaN, NaN

130.4960, 50.0335,

15.0920

0.0000, NaN, NaN

144.8788, 50.9804,  
16.1767

0.0000, NaN, NaN

■ 45.4003, 40.9159,  
7.9017

■ 45.4003, 40.9159,  
7.9017

■ 41.7519, 48.2586,  
9.9780

■ 49.7623, 32.9225,  
6.2958

■ 38.9113, 54.3860,  
12.4445

■ 54.7290, 24.7072,  
5.1565

■ 36.9409, 58.6965,  
15.1223

■ 60.2053, 16.5207,  
4.4413

■ 35.8210, 60.8544,  
17.7418

■ 66.1090, 8.4924,  
4.0914

■ 35.5199, 61.3896,  
18.6059

■ 72.3734, 0.6729,  
4.0481

■ 78.9453, -6.9305,  
4.2592

■ 85.7821, -14.3325,  
4.6810

■ 92.8500, -21.5564,  
5.2782

■ 95.4188, -21.7747,  
0.5250

# Harmonies

## Analogous

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



45.4015, 38.3526, -12.0263



45.4003, 40.9159, 7.9017



45.4015, 30.4346, 19.7940

# Triad

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



45.4015, 40.9128, 7.9027



45.4015, -23.8757, 22.3323



45.4015, -14.9298, -45.3064

# Complementary

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



45.4003, 40.9159, 7.9017



68.5154, -34.8400, 6.5099

# 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.



45.4015, -27.9788, -26.5321



45.4003, 40.9159, 7.9017



45.4015, -32.5047, 13.3553

# Square

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



45.4015, 40.9128, 7.9027



45.4015, -8.3689, 25.4840



45.4015, -33.8678, -3.7269



45.4015, 3.8415, -48.8295



# Rectangle

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



45.4003, 40.9159, 7.9017



45.4015, 18.3604, 23.7201



45.4015, -33.8678, -3.7269



45.4015, -20.0350, -40.2812

# Sweetspot

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



45.4015, 40.9128, 7.9027



85.6889, 12.1742, 5.3807



45.0215, 46.6190, -44.2130



38.9013, 6.6153, 2.5203

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



45.4015, 40.9128, 7.9027



53.9124, 64.6629, 13.5802



51.0995, 23.5587, 21.1857



32.6745, 1.4491, 1.8725



28.1863, 48.7560, 14.4452



6.2265, 10.9521, 1.7828



# Inverse Universe

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



45.4015, 40.9128, 7.9027



53.9124, 64.6629, 13.5802



59.4712, -16.7148, -18.7367



32.6745, 1.4491, 1.8725



28.1863, 48.7560, 14.4452



6.2265, 10.9521, 1.7828



# Previews

## White Background



This preview shows how the HunterLab color 45.4003, 40.9159, 7.9017 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

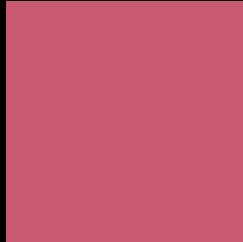
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 45.4003, 40.9159, 7.9017 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

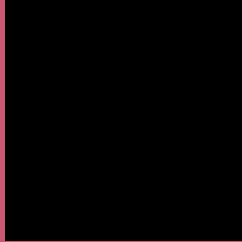
Any Text WCAG AA ✓ Pass

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 45.4003, 40.9159, 7.9017 Background



This preview shows how black text looks on a background with the HunterLab color 45.4003, 40.9159, 7.9017.



This preview shows how white text looks on a background with the HunterLab color 45.4003, 40.9159, 7.9017.



# 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

45.4003, 40.9159, 7.9017

### Protanopia

45.6641, -0.5171, -1.6324

### Deuteranopia

45.5062, 3.1269, 9.2451



## Tritanopia

45.4143, 37.3316, 13.8730

# Trichromacy



## Original Color

45.4003, 40.9159, 7.9017

## Protanomaly

44.6015, 13.0425, 1.0205

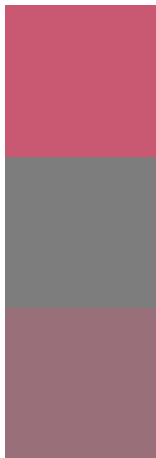
## Deuteranomaly

44.8155, 16.5869, 8.0093

## Tritanomaly

45.3552, 38.3963, 11.8455

# Monochromacy



## Original Color

45.4003, 40.9159, 7.9017

## Achromatopsia

45.2856, -2.4163, 2.4605

## Achromatomaly

44.4310, 12.1656, 3.4524

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 45.4003, 40.9159, 7.9017 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(201, 88, 114)` looks like.

```
.text, #text, p{  
    color:rgb(201, 88, 114)  
}
```

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(201, 88, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 88, 114) }
```

## Border

The CSS property to change the border of an element to HunterLab 45.4003, 40.9159, 7.9017 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(201, 88, 114) }
```



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

```
.border{ border-color:rgb(201, 88, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 88, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 88, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 88, 114);  
box-shadow:4px 4px 4px 4px rgb(201, 88,  
114) }
```

# Background

The CSS property to change the background color of an element to HunterLab 45.4003, 40.9159, 7.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 88, 114) }
```

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

```
.background{ background-color: rgb(201, 88,  
114) }
```

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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