

Converting Colors

HunterLab(45.2502, 49.4872,
-16.6676)

Have a look what the booklet for
HunterLab(45.2502, 49.4872,
-16.6676) contains.

HunterLab(45.3313, 49.2517, -16.5249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(45.3313, 49.2517,
-16.5249)**

Conversions

Conversions Part 1

Format	Color
Hex	C552A3
RGB	197, 82, 163
RGB Percent	77%, 32%, 64%
CMY	0.2274, 0.6784, 0.3608
CMYK	0.00, 0.58, 0.17, 0.23
HSL	318°, 50%, 55%
HSV	318°, 58%, 77%
XYZ	32.6541, 20.5493, 36.8957
YIQ	125.6190, 42.5390, 49.5710

Conversions

Conversions Part 2

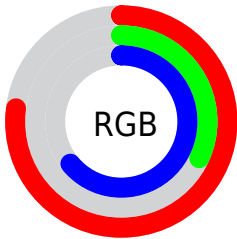
Format	Color
R_{YB}	197, 82, 163
Decimal	12931747
CIE _{Lab}	52.45, 55.13, -21.41
CIE _{LCh}	52, 59.144, 338.776
Yxy	20.5503, 0.3624, 0.2281
Android (android.graphics.Color)	4291121827 (0xFFC552A3)
YUV	125.6190, 18.4288, 62.6011
Hunter-Lab	45.3313, 49.2517, -16.5249

Details

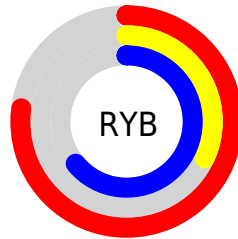
The HunterLab color **45.3313, 49.2517, -16.5249** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **65.5653, -42.3230, 24.7168**, and the grayscale version is **45.4474, -2.4250, 2.4692**.

A 20% lighter version of the original color is **66.4931, 52.3320, -17.2554**, and **26.9434, 45.2851, -15.6985** is the 20% darker color. If you saturate the color by 10%, you get **42.1774, 56.8193, -17.9668**, and if you desaturate by 10%, it is **49.1665, 40.6408, -14.1535**.

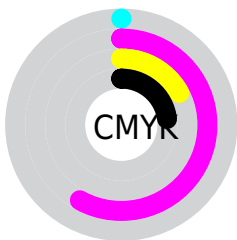
Distribution



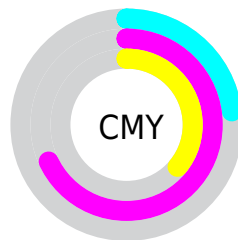
- Red (77%)
- Green (32%)
- Blue (64%)



- Red (77%)
- Yellow (32%)
- Blue (64%)



- Cyan (0%)
- Magenta (58%)
- Yellow (17%)
- Black (23%)



- Cyan (23%)
- Magenta (68%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3313, 49.2517, -16.5249 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 45.3313, 49.2517, -16.5249 by changing the saturation by 10% instead.

45.3313, 49.2517,
-16.5249

45.3313, 49.2517,
-16.5249

159.6492, 62.5037,
-17.4904

35.7710, 47.2826,
-16.1188

66.5867, 52.8799,
-17.1410

26.9963, 45.2478,
-15.6580

78.1918, 54.5359,
-17.3551

19.0863, 43.2336,
-15.1683

90.4024, 56.0896,
-17.5096

12.1485, 41.5142,
-14.7407

103.1897, 57.5460,
-17.6075

5.2119, 54.4891,
-19.7002

116.5288, 58.9105,
-17.6519

0.0000, INF, -NF

0.0000, NaN, NaN

130.3977, 60.1884,

-17.6455

0.0000, NaN, NaN

144.7770, 61.3846,
-17.5909

0.0000, NaN, NaN

■ 45.3313, 49.2517,
-16.5249

■ 45.3313, 49.2517,
-16.5249

■ 42.1774, 56.8193,
-17.9668

■ 49.1665, 40.6408,
-14.1535

■ 39.7686, 62.7708,
-18.2691

■ 53.5962, 31.4870,
-11.0900

■ 38.1315, 66.6001,
-17.3216

■ 58.5373, 22.1354,
-7.5345

■ 37.1815, 68.2622,
-15.2740

■ 63.9143, 12.7982,
-3.6404

■ 37.0504, 68.4616,
-14.9085

■ 69.6628, 3.5886,
0.4838

■ 75.7295, -5.4439,
4.7649

■ 82.0710, -14.2874,
9.1549

■ 88.6523, -22.9496,
13.6227

■ 93.9779, -29.4033,
16.6540

Harmonies

Analogous

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



45.3324, 30.3326, -46.9764



45.3313, 49.2517, -16.5249



45.3324, 52.9399, 8.6803

Triad

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



45.3324, 49.2492, -16.5235



45.3324, -9.2644, 27.9694



45.3324, -33.1365, -34.6388

Complementary

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



45.3313, 49.2517, -16.5249



65.5653, -42.3230, 24.7168

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.



45.3324, -39.6726, -4.7717



45.3313, 49.2517, -16.5249



45.3324, -27.9026, 25.1120

Square

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



45.3324, 49.2492, -16.5235



45.3324, 15.5659, 27.3047



45.3324, -37.9801, 15.6800



45.3324, -17.9785, -60.6858

Rectangle

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



45.3313, 49.2517, -16.5249



45.3324, 45.6564, 18.9486



45.3324, -37.9801, 15.6800



45.3324, -36.2542, -24.2320

Sweetspot

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



45.3324, 49.2492, -16.5235



85.6076, 17.0077, -4.8199



36.9915, 32.3142, -61.3063



38.5961, 9.5704, -2.9601

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.3324, 49.2492, -16.5235



55.4733, 78.4383, -24.3142



43.5497, 41.3963, 8.6519



32.8041, 2.1450, 0.0270



30.0737, 55.6138, -12.4406



6.6371, 12.4331, -3.9818

Inverse Universe

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



45.3324, 49.2492, -16.5235



55.4733, 78.4383, -24.3142



66.8646, -34.5201, 5.9510



32.8041, 2.1450, 0.0270



30.0737, 55.6138, -12.4406



6.6371, 12.4331, -3.9818

Previews

White Background



This preview shows how the HunterLab color 45.3313, 49.2517, -16.5249 looks on a white background.

Color Contrast Check

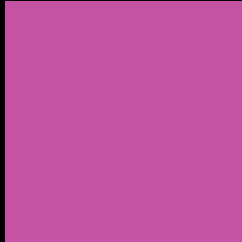
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.3313, 49.2517, -16.5249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

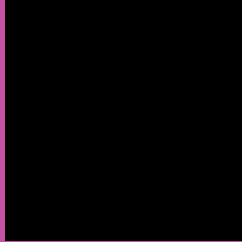
Any Text WCAG AA ✓ Pass

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 45.3313, 49.2517, -16.5249 Background



This preview shows how black text looks on a background with the HunterLab color 45.3313, 49.2517, -16.5249.



This preview shows how white text looks on a background with the HunterLab color 45.3313, 49.2517, -16.5249.

-16.5249.

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

45.3313, 49.2517, -16.5249

Protanopia

45.6239, 6.9703, -38.8596

Deuteranopia

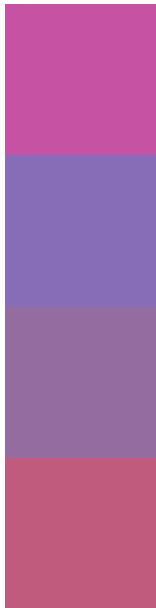
45.5014, 3.1851, -12.8902



Tritanopia

45.1900, 31.9789, 11.5700

Trichromacy



Original Color

45.3313, 49.2517, -16.5249

Protanomaly

43.9260, 20.2569, -33.0478

Deuteranomaly

44.2921, 19.2709, -16.2778

Tritanomaly

45.0558, 37.7667, 2.8928

Monochromacy



Original Color

45.3313, 49.2517, -16.5249

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

44.3749, 15.6066, -5.0192

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3313, 49.2517, -16.5249 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(197, 82, 163)` looks like.

```
.text, #text, p{  
    color:rgb(197, 82, 163)  
}
```

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(197, 82, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 82, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3313, 49.2517, -16.5249 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(197, 82, 163) }
```


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

```
.border{ border-color:rgb(197, 82, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 82, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 82, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 82, 163);  
box-shadow:4px 4px 4px 4px rgb(197, 82,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3313, 49.2517, -16.5249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 82, 163) }
```

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

```
.background{ background-color: rgb(197, 82,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor