

Converting Colors

HunterLab(49.3320, 38.4112,
-7.0747)

Have a look what the booklet for
HunterLab(49.3320, 38.4112,
-7.0747) contains.

HunterLab(49.2716, 38.7214, -7.3453)	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(49.2716, 38.7214,
-7.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	C7679D
RGB	199, 103, 157
RGB Percent	78%, 40%, 62%
CMY	0.2196, 0.5961, 0.3843
CMYK	0.00, 0.48, 0.21, 0.22
HSL	326°, 46%, 59%
HSV	326°, 48%, 78%
XYZ	34.4892, 24.2769, 34.7664
YIQ	137.8600, 39.8820, 37.1460

Conversions

Conversions Part 2

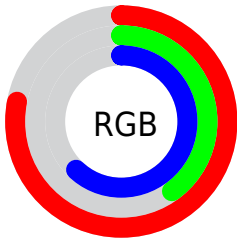
Format	Color
R _Y B	199, 103, 157
Decimal	13068189
CIE Lab	56.37, 44.71, -11.93
CIE LCh	56, 46.279, 345.059
Yxy	24.2781, 0.3687, 0.2596
Android (android.graphics.Color)	4291258269 (0xFFC7679D)
YUV	137.8600, 9.4360, 53.6198
Hunter-Lab	49.2716, 38.7214, -7.3453

Details

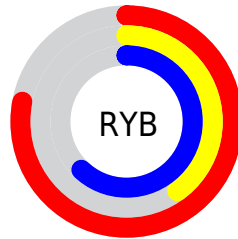
The HunterLab color **49.2716, 38.7214, -7.3453** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67.6575, -36.2737, 17.5783**, and the grayscale version is **50.3114, -2.6845, 2.7335**.

A 20% lighter version of the original color is **70.8007, 40.4296, -7.8259**, and **30.4104, 35.4910, -7.2249** is the 20% darker color. If you saturate the color by 10%, you get **45.2684, 47.0527, -8.1371**, and if you desaturate by 10%, it is **53.8768, 29.8933, -5.8244**.

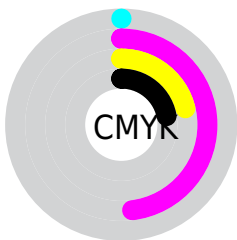
Distribution



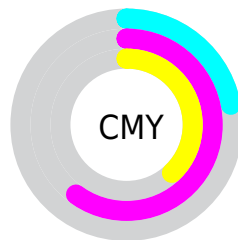
- Red (78%)
- Green (40%)
- Blue (62%)



- Red (78%)
- Yellow (40%)
- Blue (62%)



- Cyan (0%)
- Magenta (48%)
- Yellow (21%)
- Black (22%)



- Cyan (22%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2716, 38.7214, -7.3453 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 49.2716, 38.7214, -7.3453 by changing the saturation by 10% instead.

■ 49.2716, 38.7214,
-7.3453

■ 49.2716, 38.7214,
-7.3453

165.5969, 48.5197,
-5.2462

■ 39.4208, 37.1282,
-7.3007

■ 71.0518, 41.5535,
-7.2340

■ 30.3303, 35.4204,
-7.1829

■ 82.8974, 42.8101,
-7.0915

■ 22.0712, 33.6137,
-6.9836

■ 95.3368, 43.9691,
-6.8966

■ 14.7377, 31.7850,
-6.6986

■ 108.3427, 45.0375,
-6.6529

■ 8.3944, 30.7459,
-6.4985

121.8915, 46.0215,
-6.3635

0.0000, INF, -NF

0.0000, NaN, NaN

135.9623, 46.9266,

-6.0311

0.0000, NaN, NaN

150.5364, 47.7578,
-5.6580

0.0000, NaN, NaN

■ 49.2716, 38.7214,
-7.3453

■ 49.2716, 38.7214,
-7.3453

■ 45.2684, 47.0527,
-8.1371

■ 53.8768, 29.8933,
-5.8244

■ 41.9539, 54.4143,
-8.0338

■ 58.9923, 20.9038,
-3.7427

■ 39.4052, 60.2189,
-6.9090

■ 64.5415, 11.9444,
-1.2358

■ 37.6572, 63.9389,
-4.7551

■ 70.4590, 3.1148,
1.5914

■ 36.6348, 65.4875,
-1.7871

■ 76.6916, -5.5447,
4.6618

■ 36.4836, 65.6817,
-1.2493

■ 83.1961, -14.0270,
7.9196

■ 89.9376, -22.3423,
11.3250

■ 94.4400, -27.0464,
12.2524

■ 94.7002, -25.5627,
8.5267

Harmonies

Analogous

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



49.2728, 26.5689, -29.4434



49.2716, 38.7214, -7.3453



49.2728, 38.6928, 11.0207

Triad

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



49.2728, 38.7189, -7.3440



49.2728, -11.9314, 26.0811



49.2728, -26.2566, -29.5261

Complementary

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



49.2716, 38.7214, -7.3453



67.6575, -36.2737, 17.5783

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.



49.2728, -33.6605, -7.4292



49.2716, 38.7214, -7.3453



49.2728, -26.3003, 21.7058

Square

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



49.2728, 38.7189, -7.3440



49.2728, 7.3330, 26.0889



49.2728, -33.6751, 10.9628



49.2728, -11.8625, -45.2373

Rectangle

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



49.2716, 38.7214, -7.3453



49.2728, 31.6744, 18.9898



49.2728, -33.6751, 10.9628



49.2728, -29.5399, -22.2898

Sweetspot

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



49.2728, 38.7189, -7.3440



88.5066, 11.0679, -0.1709



44.5072, 29.4635, -44.0390



40.1634, 6.3084, -0.4505

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2728, 38.7189, -7.3440



59.6043, 62.9021, -10.7951



47.9131, 32.3365, 12.0447



32.7646, 1.9330, 0.5893



29.2862, 52.7798, -1.4342



6.4845, 11.8882, -1.8818

Inverse Universe

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



49.2728, 38.7189, -7.3440



59.6043, 62.9021, -10.7951



68.9662, -28.5532, -1.1762



32.7646, 1.9330, 0.5893



29.2862, 52.7798, -1.4342



6.4845, 11.8882, -1.8818

Previews

White Background



This preview shows how the HunterLab color 49.2716, 38.7214, -7.3453 looks on a white background.

Color Contrast Check

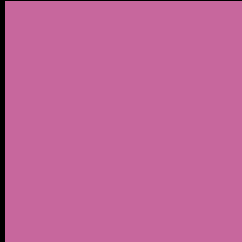
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2716, 38.7214, -7.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

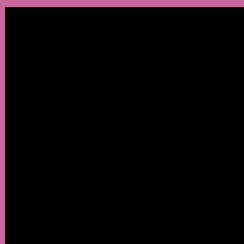
Any Text WCAG AA ✓ Pass

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 49.2716, 38.7214, -7.3453 Background



This preview shows how black text looks on a background with the HunterLab color 49.2716, 38.7214, -7.3453.



This preview shows how white text looks on a background with the HunterLab color 49.2716, 38.7214, -7.3453.

-7.3453.

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

49.2716, 38.7214, -7.3453

Protanopia

49.5476, 2.8997, -19.8196

Deuteranopia

49.4290, 3.4310, -5.1140



Tritanopia

49.2980, 27.8570, 9.8747

Trichromacy



Original Color

49.2716, 38.7214, -7.3453

Protanomaly

48.6287, 14.3792, -16.1514

Deuteranomaly

48.6716, 15.9375, -6.9713

Tritanomaly

49.1471, 31.5269, 4.0662

Monochromacy



Original Color

49.2716, 38.7214, -7.3453

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

49.1784, 11.7264, -1.7872

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2716, 38.7214, -7.3453 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(199, 103, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 103, 157)  
}
```

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(199, 103, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 103, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2716, 38.7214, -7.3453 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(199, 103, 157) }
```


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

```
.border{ border-color:rgb(199, 103, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 103, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 103, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 103, 157);  
box-shadow:4px 4px 4px 4px rgb(199, 103,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2716, 38.7214, -7.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 103, 157) }
```

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

```
.background{ background-color: rgb(199,  
103, 157) }
```

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