

Converting Colors

HunterLab(40.9603, 79.7649,
-48.0980)

Have a look what the booklet for
HunterLab(40.9603, 79.7649,
-48.0980) contains.

| | |
|--|----|
| HunterLab(40.9603, 79.7649, -48.0980) | 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(40.9603, 79.7649,
-48.0980)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC00C3 |
| RGB | 204, 0, 195 |
| RGB Percent | 80%, 0%, 76% |
| CMY | 0.2000, 0.9999, 0.2353 |
| CMYK | 0.00, 1.00, 0.04, 0.20 |
| HSL | 303°, 100%, 40% |
| HSV | 303°, 100%, 80% |
| XYZ | 34.7521, 16.7775, 53.0364 |
| YIQ | 83.2260, 58.9890, 103.8930 |

Conversions

Conversions Part 2

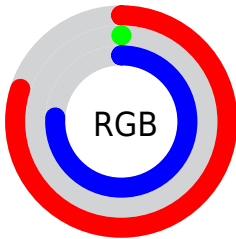
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 0, 195 |
| Decimal | 13369539 |
| CIE _{Lab} | 47.98, 81.76, -47.05 |
| CIE _{LCh} | 48, 94.336, 330.080 |
| Yxy | 16.7783, 0.3323, 0.1605 |
| Android (android.graphics.Color) | 4291559619 (0xFFCC00C3) |
| YUV | 83.2260, 55.1046, 105.9188 |
| Hunter-Lab | 40.9603, 79.7649, -48.0980 |

Details

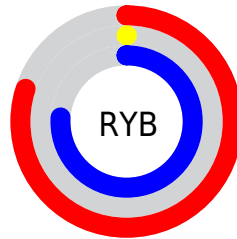
The HunterLab color **40.9603, 79.7649, -48.0980** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **65.7314, -56.2565, 39.2846**, and the grayscale version is **29.2899, -1.5628, 1.5914**.

A 20% lighter version of the original color is **59.9521, 81.5802, -52.7079**, and **28.1304, 54.9049, -33.9986** is the 20% darker color. If you saturate the color by 10%, you get **40.9605, 79.7650, -48.0968**, and if you desaturate by 10%, it is **41.6342, 77.6788, -47.2721**.

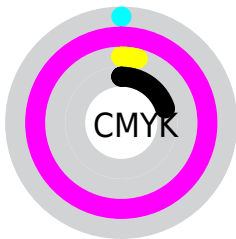
Distribution



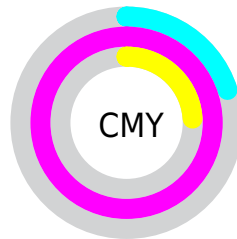
- Red (80%)
- Green (0%)
- Blue (76%)



- Red (80%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9603, 79.7649, -48.0980 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 40.9603, 79.7649, -48.0980 by changing the saturation by 10% instead.

40.9603, 79.7649,
-48.0980

40.9603, 79.7649,
-48.0980

152.9351,
100.0231, -54.0255

31.7435, 77.3704,
-47.7171

61.5988, 84.7283,
-49.3794

23.3447, 75.2839,
-47.7958

72.9226, 87.1593,
-50.1053

15.8539, 74.0270,
-48.9068

84.8661, 89.5177,
-50.8326

9.3988, 75.1686,
-52.7267

97.3986, 91.7930,
-51.5416

0.0000, INF, -NF

0.0000, NaN, -NF

110.4937, 93.9811,
-52.2209

0.0000, NaN, NaN

124.1281, 96.0811,

0.0000, NaN, NaN

-52.8636

138.2814, 98.0944,
-53.4658

■ 40.9603, 79.7649,
-48.0980

■ 40.9603, 79.7649,
-48.0980

■ 40.9605, 79.7650,
-48.0968

■ 41.6342, 77.6788,
-47.2721

■ 42.9344, 73.4720,
-45.0385

■ 45.0143, 66.9204,
-41.2222

■ 47.8762, 58.4689,
-36.0894

■ 51.4711, 48.7253,
-30.0236

■ 55.7235, 38.2620,
-23.3966

■ 60.5495, 27.5152,
-16.4992

■ 65.8690, 16.7694,
-9.5272

■ 71.6110, 6.1855,
-2.5970

Harmonies

Analogous

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



40.9613, 40.0361, -110.6356



40.9603, 79.7649, -48.0980



40.9613, 96.3073, 2.3244

Triad

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



40.9613, 79.7625, -48.0959



40.9613, -2.2875, 28.6729



40.9613, -47.4355, -48.4310

Complementary

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



40.9603, 79.7649, -48.0980



65.7314, -56.2565, 39.2846

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.



40.9613, -51.8909, 2.1346



40.9603, 79.7649, -48.0980



40.9613, -32.1545, 28.5624

Square

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



40.9613, 79.7625, -48.0959



40.9613, 39.7991, 28.5757



40.9613, -47.4849, 23.6866



40.9613, -32.0358, -110.9231

Rectangle

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



40.9603, 79.7649, -48.0980



40.9613, 88.6194, 19.3525



40.9613, -47.4849, 23.6866



40.9613, -49.9544, -28.5714

Sweetspot

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



40.9613, 79.7625, -48.0959



77.6560, 35.9710, -21.5953



20.9866, 56.7056, -147.4683



34.6667, 19.3821, -11.7548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.9613, 79.7625, -48.0959



52.7033, 102.6197, -61.7866



36.9706, 65.5544, 6.4838



33.7563, 2.6117, -1.0276



32.5018, 63.3017, -38.2329



7.4005, 14.4415, -8.9224

Inverse Universe

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



40.9613, 79.7625, -48.0959



52.7033, 102.6197, -61.7866



66.5481, -51.1626, 27.2677



33.7563, 2.6117, -1.0276



32.5018, 63.3017, -38.2329



7.4005, 14.4415, -8.9224

Previews

White Background



This preview shows how the HunterLab color 40.9603, 79.7649, -48.0980 looks on a white background.

Color Contrast Check

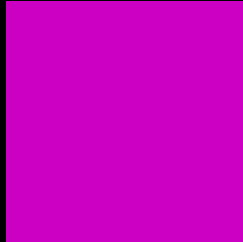
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9603, 79.7649, -48.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

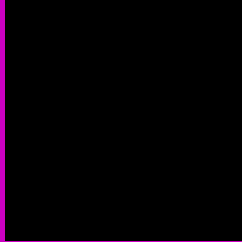
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.9603, 79.7649, -48.0980 Background



This preview shows how black text looks on a background with the HunterLab color 40.9603, 79.7649, -48.0980.



This preview shows how white text looks on a background with the HunterLab color 40.9603, 79.7649, -48.0980.

-48.0980.

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

40.9603, 79.7649, -48.0980

Protanopia

42.0747, 15.8014, -86.7003

Deuteranopia

41.8681, 3.1926, -37.5867



Tritanopia

41.3622, 39.2906, 15.0163

Trichromacy



Original Color

40.9603, 79.7649, -48.0980



Protanomaly

33.5205, 38.5865, -100.9039



Deuteranomaly

35.7358, 36.0163, -55.3505



Tritanomaly

39.1632, 56.2408, -2.7581

Monochromacy



Original Color

40.9603, 79.7649, -48.0980



Achromatopsia

29.4110, -1.5693, 1.5980



Achromatomaly

29.1778, 32.5279, -20.1995

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9603, 79.7649, -48.0980 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(204, 0, 195)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 195)  
}
```

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(204, 0, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9603, 79.7649, -48.0980 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(204, 0, 195) }
```


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

```
.border{ border-color:rgb(204, 0, 195) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9603, 79.7649, -48.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 195) }
```

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

```
.background{ background-color: rgb(204, 0,  
195) }
```

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