

Converting Colors

HunterLab(40.3853, 45.3902,
0.8362)

Have a look what the booklet for
HunterLab(40.3853, 45.3902,
0.8362) contains.

HunterLab(40.4468, 45.3970, 1.0477)	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(40.4468, 45.3970,
1.0477)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4575
RGB	189, 69, 117
RGB Percent	74%, 27%, 46%
CMY	0.2588, 0.7294, 0.5412
CMYK	0.00, 0.63, 0.38, 0.26
HSL	336°, 48%, 51%
HSV	336°, 63%, 74%
XYZ	26.3253, 16.3594, 18.5998
YIQ	110.3520, 56.1120, 40.3680

Conversions

Conversions Part 2

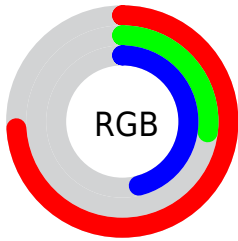
Format	Color
RYB	189, 69, 117
Decimal	12404085
CIELab	47.44, 52.46, -1.59
CIELCh	47, 52.485, 358.267
Yxy	16.3603, 0.4296, 0.2669
Android (android.graphics.Color)	4290594165 (0xFFBD4575)
YUV	110.3520, 3.2775, 68.9743
Hunter-Lab	40.4468, 45.3970, 1.0477

Details

The HunterLab color **40.4468, 45.3970, 1.0477** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62.9158, -37.8678, 14.3560**, and the grayscale version is **39.5962, -2.1128, 2.1513**.

A 20% lighter version of the original color is **61.1716, 48.8772, 2.1678**, and **22.9237, 41.1319, 0.2835** is the 20% darker color. If you saturate the color by 10%, you get **37.6068, 51.4988, 2.7229**, and if you desaturate by 10%, it is **43.9892, 38.2085, 0.0905**.

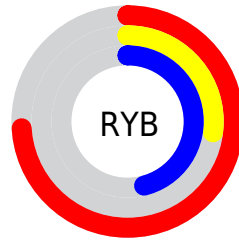
Distribution



Red (74%)

Green (27%)

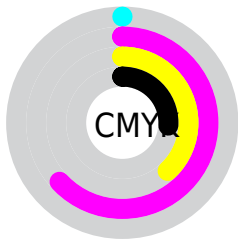
Blue (46%)



Red (74%)

Yellow (27%)

Blue (46%)

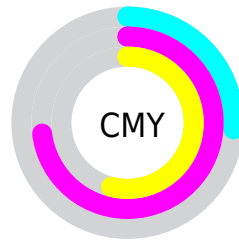


Cyan (0%)

Magenta (63%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4468, 45.3970, 1.0477 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 40.4468, 45.3970, 1.0477 by changing the saturation by 10% instead.

40.4468, 45.3970,
1.0477

40.4468, 45.3970,
1.0477

152.1376, 58.2942,
6.5034

31.2721, 43.4588,
0.6412

61.0103, 48.9616,
2.0033

22.9194, 41.4676,
0.2872

72.3000, 50.5822,
2.5427

15.4805, 39.5482,
-0.0053

84.2110, 52.0977,
3.1199

9.0778, 38.2024,
-0.2348

96.7127, 53.5137,
3.7324

0.0000, INF, NaN

0.0000, NaN, NaN

109.7783, 54.8359,
4.3786

0.0000, NaN, NaN

123.3844, 56.0699,

0.0000, NaN, NaN

5.0567

0.0000, NaN, NaN

137.5103, 57.2211,
5.7654

■ 40.4468, 45.3970,
1.0477

■ 40.4468, 45.3970,
1.0477

■ 37.6068, 51.4988,
2.7229

■ 43.9892, 38.2085,
0.0905

■ 35.5296, 55.9691,
5.0759

■ 48.1436, 30.4414,
-0.2051

■ 34.2250, 58.4042,
7.9422

■ 52.8212, 22.4512,
0.0669

■ 33.6675, 59.1897,
9.8707

■ 57.9408, 14.4566,
0.8042

■ 63.4335, 6.5725,
1.9153

■ 69.2433, -1.1521,
3.3251

■ 75.3250, -8.7058,
4.9744

■ 81.6422, -16.0968,
6.8177

■ 88.1660, -23.3422,
8.8201

Harmonies

Analogous

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



40.4479, 37.2288, -22.9755



40.4468, 45.3970, 1.0477



40.4479, 38.8533, 16.2637

Triad

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



40.4479, 45.3940, 1.0488



40.4479, -19.2233, 23.2868



40.4479, -20.9145, -44.5861

Complementary

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



40.4468, 45.3970, 1.0477



62.9158, -37.8678, 14.3560

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.



40.4479, -31.4091, -19.9500



40.4468, 45.3970, 1.0477



40.4479, -30.5785, 17.4012

Square

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



40.4479, 45.3940, 1.0488



40.4479, -0.9588, 24.6334



40.4479, -34.5621, 3.3217



40.4479, -3.3480, -56.2658

Rectangle

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



40.4468, 45.3970, 1.0477



40.4479, 27.6439, 21.4062



40.4479, -34.5621, 3.3217



40.4479, -25.2444, -37.0897

Sweetspot

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



40.4479, 45.3940, 1.0488



80.5609, 14.9088, 1.6439



36.8703, 43.4322, -53.9393



36.3962, 8.3203, 0.5780



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



40.4479, 45.3940, 1.0488



49.1702, 71.4425, 4.7195



41.3937, 35.3827, 18.0600



30.9805, 1.5804, 1.1610



27.6419, 48.6455, 7.7236



5.5881, 10.0553, -0.1530

Inverse Universe

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



40.4479, 45.3940, 1.0488



49.1702, 71.4425, 4.7195



60.3193, -24.5867, -10.5846



30.9805, 1.5804, 1.1610



27.6419, 48.6455, 7.7236



5.5881, 10.0553, -0.1530

Previews

White Background



This preview shows how the HunterLab color 40.4468, 45.3970, 1.0477 looks on a white background.

Color Contrast Check

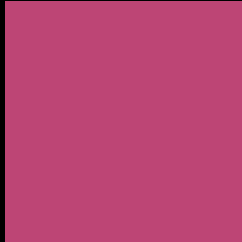
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4468, 45.3970, 1.0477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

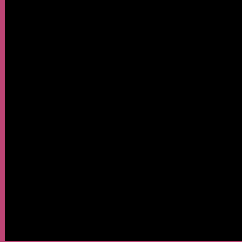
Any Text WCAG AA × Fail

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 40.4468, 45.3970, 1.0477 Background



This preview shows how black text looks on a background with the HunterLab color 40.4468, 45.3970, 1.0477.

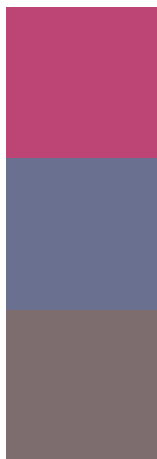


This preview shows how white text looks on a background with the HunterLab color 40.4468, 45.3970,

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

40.4468, 45.3970, 1.0477

Protanopia

40.7495, 1.6395, -13.2523

Deuteranopia

40.5524, 2.9616, 3.0522



Tritanopia

40.4426, 37.0360, 13.8662

Trichromacy



Original Color

40.4468, 45.3970, 1.0477

Protanomaly

39.1423, 16.5013, -9.7554

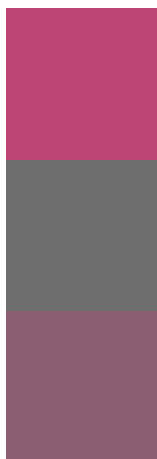
Deuteranomaly

39.3619, 18.1680, 1.0404

Tritanomaly

40.3591, 39.9761, 9.6642

Monochromacy



Original Color

40.4468, 45.3970, 1.0477

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

38.5560, 14.5655, -0.0111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4468, 45.3970, 1.0477 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(189, 69, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 69, 117)  
}
```

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(189, 69, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 69, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4468, 45.3970, 1.0477 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(189, 69, 117) }
```


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

```
.border{ border-color:rgb(189, 69, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 69, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 69, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 69, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 69,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4468, 45.3970, 1.0477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 69, 117) }
```

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

```
.background{ background-color: rgb(189, 69,  
117) }
```

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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