

Converting Colors

HunterLab(45.3848, 40.4446,
-18.4557)

Have a look what the booklet for
HunterLab(45.3848, 40.4446,
-18.4557) contains.

HunterLab(45.3848, 40.4446, -18.4557)	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(45.3848, 40.4446,
-18.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	B85CA6
RGB	184, 92, 166
RGB Percent	72%, 36%, 65%
CMY	0.2784, 0.6392, 0.3490
CMYK	0.00, 0.50, 0.10, 0.28
HSL	312°, 39%, 54%
HSV	312°, 50%, 72%
XYZ	30.4772, 20.5978, 38.4458
YIQ	127.9440, 31.0780, 42.5180

Conversions

Conversions Part 2

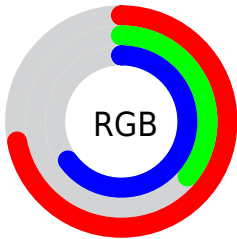
Format	Color
R_{YB}	184, 92, 166
Decimal	12082342
CIE _{Lab}	52.51, 46.94, -23.24
CIE _{LCh}	53, 52.379, 333.656
Yxy	20.5988, 0.3404, 0.2301
Android (android.graphics.Color)	4290272422 (0xFFB85CA6)
YUV	127.9440, 18.7616, 49.1611
Hunter-Lab	45.3848, 40.4446, -18.4557

Details

The HunterLab color $45.3848, 40.4446, -18.4557$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $61.3863, -36.5640, 22.9364$, and the grayscale version is $46.3600, -2.4737, 2.5188$.

A 20% lighter version of the original color is $66.5947, 43.7322, -19.1023$, and $27.0796, 37.0897, -17.5198$ is the 20% darker color. If you saturate the color by 10%, you get $42.0218, 48.5737, -21.7489$, and if you desaturate by 10%, it is $49.3123, 31.7266, -14.5459$.

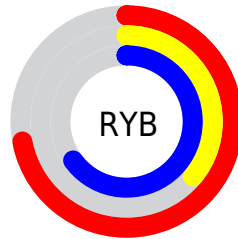
Distribution



Red (72%)

Green (36%)

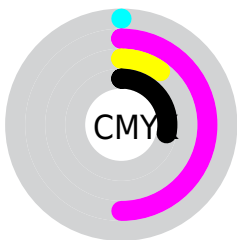
Blue (65%)



Red (72%)

Yellow (36%)

Blue (65%)

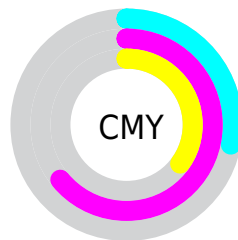


Cyan (0%)

Magenta (50%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3848, 40.4446, -18.4557 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 45.3848, 40.4446, -18.4557 by changing the saturation by 10% instead.

45.3848, 40.4446,
-18.4557

45.3848, 40.4446,
-18.4557

159.7305, 51.2490,
-19.9179

35.8204, 38.7296,
-18.0018

66.6474, 43.5239,
-19.1800

27.0413, 36.9104,
-17.5034

78.2559, 44.8998,
-19.4505

19.1263, 35.0282,
-16.9975

90.4696, 46.1745,
-19.6616

12.1830, 33.2376,
-16.6038

103.2600, 47.3547,
-19.8159

5.2688, 43.1909,
-22.0077

116.6020, 48.4468,
-19.9161

0.0000, INF, -NF

0.0000, NaN, NaN

130.4737, 49.4565,

-19.9649

0.0000, NaN, NaN

144.8558, 50.3890,
-19.9647

0.0000, NaN, NaN

■ 45.3848, 40.4446,
-18.4557

■ 45.3848, 40.4446,
-18.4557

■ 42.0218, 48.5737,
-21.7489

■ 49.3123, 31.7266,
-14.5459

■ 39.2919, 55.6421,
-24.1725

■ 53.7257, 22.7775,
-10.2381

■ 37.2488, 61.1155,
-25.4779

■ 58.5560, 13.8188,
-5.6873

■ 35.9029, 64.5709,
-25.5190

■ 63.7426, 4.9750,
-0.9985

■ 35.1122, 66.2191,
-24.5136

■ 69.2346, -3.6962,
3.7627

■ 35.1120, 66.2195,
-24.5133

■ 74.9904, -12.1768,
8.5573

■ 80.9760, -20.4713,
13.3633

■ 87.1636, -28.5950,
18.1696

■ 92.6317, -35.3735,
22.1079

Harmonies

Analogous

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



45.3859, 22.5904, -43.4253



45.3848, 40.4446, -18.4557



45.3859, 46.1344, 4.8863

Triad

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



45.3859, 40.4426, -18.4543



45.3859, -5.0074, 26.6947



45.3859, -31.7436, -24.8760

Complementary

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



45.3848, 40.4446, -18.4557



61.3863, -36.5640, 22.9364

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.



45.3859, -36.5049, -0.0859



45.3848, 40.4446, -18.4557



45.3859, -22.9738, 24.4132

Square

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



45.3859, 40.4426, -18.4543



45.3859, 17.2284, 25.3588



45.3859, -33.6167, 16.5873



45.3859, -19.2139, -48.1810

Rectangle

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



45.3848, 40.4446, -18.4557



45.3859, 41.5372, 15.4927



45.3859, -33.6167, 16.5873



45.3859, -34.1890, -16.1175

Sweetspot

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



45.3859, 40.4426, -18.4543



82.0984, 12.9279, -4.6776



37.8931, 22.1062, -47.2176



37.4459, 7.1617, -2.7835



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



45.3859, 40.4426, -18.4543



56.1676, 66.4333, -29.6699



43.8513, 33.3874, 3.0882



30.2189, 2.0723, -0.3230



29.1663, 55.0347, -20.5835



5.5471, 10.5833, -4.8167

Inverse Universe

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



45.3859, 40.4426, -18.4543



56.1676, 66.4333, -29.6699



62.3851, -30.6033, 8.4887



30.2189, 2.0723, -0.3230



29.1663, 55.0347, -20.5835



5.5471, 10.5833, -4.8167

Previews

White Background



This preview shows how the HunterLab color 45.3848, 40.4446, -18.4557 looks on a white background.

Color Contrast Check

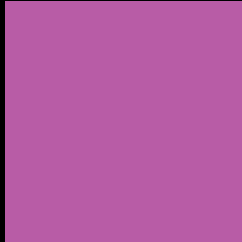
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.3848, 40.4446, -18.4557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

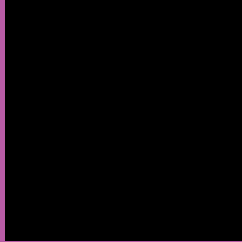
Any Text WCAG AA ✓ Pass

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 45.3848, 40.4446, -18.4557 Background



This preview shows how black text looks on a background with the HunterLab color 45.3848, 40.4446, -18.4557.



This preview shows how white text looks on a background with the HunterLab color 45.3848, 40.4446, -18.4557.

-18.4557.

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

45.3848, 40.4446, -18.4557

Protanopia

45.8276, 5.8474, -35.4287

Deuteranopia

45.5326, 3.6695, -15.7847



Tritanopia

45.3161, 24.0367, 8.2881

Trichromacy



Original Color

45.3848, 40.4446, -18.4557

Protanomaly

44.5772, 17.1053, -31.0950

Deuteranomaly

44.8021, 16.1518, -17.9657

Tritanomaly

45.2588, 29.4319, -0.1940

Monochromacy



Original Color

45.3848, 40.4446, -18.4557

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

45.2884, 12.2884, -5.3815

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3848, 40.4446, -18.4557 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(184, 92, 166)` looks like.

```
.text, #text, p{  
    color:rgb(184, 92, 166)  
}
```

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(184, 92, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 92, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3848, 40.4446, -18.4557 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(184, 92, 166) }
```


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

```
.border{ border-color:rgb(184, 92, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 92, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 92, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 92, 166);  
box-shadow:4px 4px 4px 4px rgb(184, 92,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3848, 40.4446, -18.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 92, 166) }
```

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

```
.background{ background-color: rgb(184, 92,  
166) }
```

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