

Converting Colors

HunterLab(42.9390, 57.7648,
-47.9811)

Have a look what the booklet for
HunterLab(42.9390, 57.7648,
-47.9811) contains.

HunterLab(43.0042, 57.9065, -47.8244)	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(43.0042, 57.9065,
-47.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	B745C8
RGB	183, 69, 200
RGB Percent	72%, 27%, 78%
CMY	0.2823, 0.7294, 0.2157
CMYK	0.08, 0.65, 0.00, 0.22
HSL	292°, 54%, 53%
HSV	292°, 65%, 78%
XYZ	32.0818, 18.4936, 56.5222
YIQ	118.0200, 25.8930, 64.9090

Conversions

Conversions Part 2

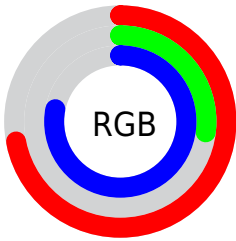
Format	Color
R_{YB}	183, 69, 200
Decimal	12010952
CIE _{Lab}	50.09, 63.26, -46.79
CIE _{LCh}	50, 78.685, 323.513
Yxy	18.4944, 0.2996, 0.1727
Android (android.graphics.Color)	4290201032 (0xFFB745C8)
YUV	118.0200, 40.4161, 56.9875
Hunter-Lab	43.0042, 57.9065, -47.8244

Details

The HunterLab color $43.0042, 57.9065, -47.8244$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted purple. A complement of this color would be $66.1189, -46.6859, 34.8754$, and the grayscale version is $42.4138, -2.2631, 2.3044$.

A 20% lighter version of the original color is $63.8471, 61.6081, -47.4343$, and $25.4558, 51.6244, -45.8036$ is the 20% darker color. If you saturate the color by 10%, you get $40.1488, 65.0788, -54.8167$, and if you desaturate by 10%, it is $46.5879, 49.3157, -39.9717$.

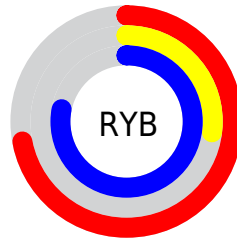
Distribution



Red (72%)

Green (27%)

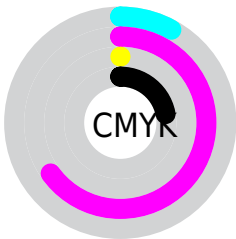
Blue (78%)



Red (72%)

Yellow (27%)

Blue (78%)

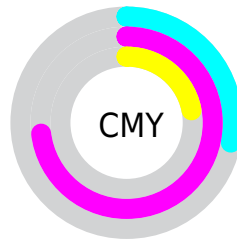


Cyan (8%)

Magenta (65%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (73%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.0042, 57.9065, -47.8244 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 43.0042, 57.9065, -47.8244 by changing the saturation by 10% instead.

43.0042, 57.9065,
-47.8244

43.0042, 57.9065,
-47.8244

156.0908, 73.6088,
-53.7278

33.6237, 55.7237,
-47.3766

63.9359, 62.0583,
-49.1484

25.0454, 53.5531,
-47.3118

75.3933, 63.9926,
-49.8751

17.3540, 51.5809,
-48.0931

87.4635, 65.8270,
-50.5970

10.6668, 50.3731,
-51.0055

100.1169, 67.5635,
-51.2968

1.0002, 314.7491,
-333.3139

113.3276, 69.2056,
-51.9645

0.0000, INF, -NF

0.0000, NaN, -NF

127.0732, 70.7576,

-52.5941

0.0000, NaN, NaN

141.3336, 72.2239,
-53.1825

0.0000, NaN, NaN

■ 43.0042, 57.9065,
-47.8244

■ 43.0042, 57.9065,
-47.8244

■ 40.1488, 65.0788,
-54.8167

■ 46.5879, 49.3157,
-39.9717

■ 38.0680, 70.2128,
-60.4199

■ 50.8175, 39.9135,
-31.7419

■ 36.7485, 72.9133,
-64.2415

■ 55.6064, 30.1561,
-23.4713

■ 36.2963, 73.6473,
-65.6057

■ 60.8723, 20.3383,
-15.3581

■ 66.5437, 10.6253,
-7.4973

■ 72.5612, 1.0954,
0.0814

■ 78.8761, -8.2254,
7.3841

■ 85.4491, -17.3396,
14.4345

■ 92.2485, -26.2640,
21.2626

Harmonies

Analogous

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



43.0051, 24.5794, -90.8367



43.0042, 57.9065, -47.8244



43.0051, 75.7688, -4.6765

Triad

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



43.0051, 57.9050, -47.8226



43.0051, 4.7485, 29.3150



43.0051, -44.8797, -27.5063

Complementary

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



43.0042, 57.9065, -47.8244



66.1189, -46.6859, 34.8754

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.



43.0051, -47.3905, 8.3445



43.0042, 57.9065, -47.8244



43.0051, -23.8572, 28.7334

Square

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



43.0051, 57.9050, -47.8226



43.0051, 39.8818, 27.6601



43.0051, -40.9098, 24.4194



43.0051, -32.6663, -74.3210

Rectangle

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



43.0042, 57.9065, -47.8244



43.0051, 73.6886, 13.7281



43.0051, -40.9098, 24.4194



43.0051, -46.7076, -13.3833

Sweetspot

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



43.0051, 57.9050, -47.8226



83.9238, 20.0756, -14.7730



34.8805, 22.0945, -71.0036



37.8502, 10.9774, -8.2050

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



43.0051, 57.9050, -47.8226



51.4309, 89.1393, -75.8126



43.3615, 54.2534, -12.9306



32.7782, 2.2274, -1.3198



28.9901, 58.7924, -52.1657



6.4645, 13.0128, -10.8773

Inverse Universe

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



41.4827, 46.2874, 13.7873



49.4280, 72.3082, 22.6910



66.2263, -44.9505, 24.9445



32.6481, 1.3066, 2.2501



28.0401, 48.2150, 16.6038



6.1632, 10.7193, 2.7056

Previews

White Background



This preview shows how the HunterLab color 43.0042, 57.9065, -47.8244 looks on a white background.

Color Contrast Check

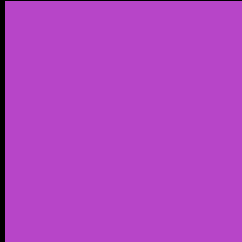
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0042, 57.9065, -47.8244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

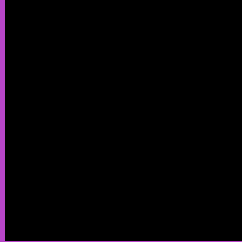
Any Text WCAG AA ✓ Pass

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 43.0042, 57.9065, -47.8244 Background



This preview shows how black text looks on a background with the HunterLab color 43.0042, 57.9065, -47.8244.



This preview shows how white text looks on a background with the HunterLab color 43.0042, 57.9065, -47.8244.

-47.8244.

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

43.0042, 57.9065, -47.8244

Protanopia

43.4510, 17.0591, -90.8034

Deuteranopia

43.3754, 3.3622, -40.5885



Tritanopia

42.9106, 23.5441, 8.3875

Trichromacy



Original Color

43.0042, 57.9065, -47.8244



Protanomaly

39.5698, 25.3252, -86.2457



Deuteranomaly

41.1283, 21.7438, -47.8532



Tritanomaly

42.2182, 35.2901, -8.2112

Monochromacy



Original Color

43.0042, 57.9065, -47.8244



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

41.2350, 18.9948, -14.5430

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.0042, 57.9065, -47.8244 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(183, 69, 200)` looks like.

```
.text, #text, p{  
    color:rgb(183, 69, 200)  
}
```

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(183, 69, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 69, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 43.0042, 57.9065, -47.8244 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(183, 69, 200) }
```


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

```
.border{ border-color:rgb(183, 69, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 69, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 69, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 69, 200);  
box-shadow:4px 4px 4px 4px rgb(183, 69,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.0042, 57.9065, -47.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 69, 200) }
```

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

```
.background{ background-color: rgb(183, 69,  
200) }
```

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