

Converting Colors

HunterLab(49.1424, 42.7286,
-45.9411)

Have a look what the booklet for
HunterLab(49.1424, 42.7286,
-45.9411) contains.

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Color

**HunterLab(49.2145, 42.4440,
-45.5739)**

Conversions

Conversions Part 1

Format	Color
Hex	B268D6
RGB	178, 104, 214
RGB Percent	70%, 41%, 84%
CMY	0.3020, 0.5921, 0.1608
CMYK	0.17, 0.51, 0.00, 0.16
HSL	280°, 57%, 62%
HSV	280°, 51%, 84%
XYZ	35.4481, 24.2207, 66.4251
YIQ	138.6660, 8.7940, 49.8980

Conversions

Conversions Part 2

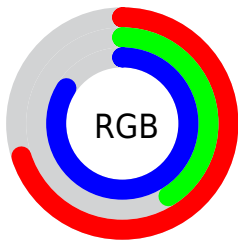
Format	Color
R _Y B	178, 104, 214
Decimal	11692246
CIE Lab	56.31, 48.23, -44.95
CIE LCh	56, 65.932, 317.014
Yxy	24.2217, 0.2811, 0.1921
Android (android.graphics.Color)	4289882326 (0xFFB268D6)
YUV	138.6660, 37.1397, 34.4959
Hunter-Lab	49.2145, 42.4440, -45.5739

Details

The HunterLab color $49.2145, 42.4440, -45.5739$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $73.9382, -39.1955, 34.3714$, and the grayscale version is $50.5340, -2.6964, 2.7456$.

A 20% lighter version of the original color is $70.1190, 41.9941, -36.0545$, and $30.2822, 39.2815, -44.8738$ is the 20% darker color. If you saturate the color by 10%, you get $44.3158, 51.3205, -56.9098$, and if you desaturate by 10%, it is $54.7172, 33.2056, -34.6377$.

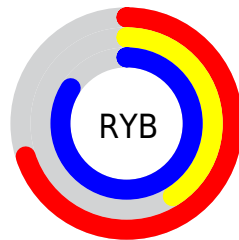
Distribution



Red (70%)

Green (41%)

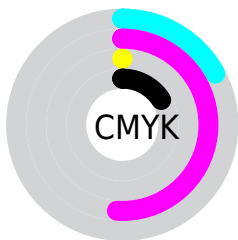
Blue (84%)



Red (70%)

Yellow (41%)

Blue (84%)

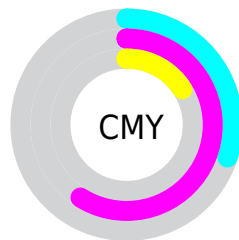


Cyan (17%)

Magenta (51%)

Yellow (0%)

Black (16%)



Cyan (30%)

Magenta (59%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2145, 42.4440, -45.5739 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 49.2145, 42.4440, -45.5739 by changing the saturation by 10% instead.

■ 49.2145, 42.4440,
-45.5739

■ 49.2145, 42.4440,
-45.5739

165.5111, 53.3320,
-51.1975

■ 39.3677, 40.7297,
-44.9734

■ 70.9871, 45.5297,
-46.9692

■ 30.2816, 38.9080,
-44.5750

■ 82.8293, 46.9117,
-47.6764

■ 22.0274, 37.0082,
-44.6199

■ 95.2654, 48.1947,
-48.3607

■ 14.6994, 35.1361,
-45.7003

■ 108.2682, 49.3849,
-49.0115

■ 8.3573, 34.2645,
-50.1974

121.8140, 50.4885,
-49.6232

0.0000, INF, -NF

0.0000, NaN, -NF

135.8820, 51.5110,

-50.1922

0.0000, NaN, -NF

150.4532, 52.4573,
-50.7172

0.0000, NaN, NaN

■ 49.2145, 42.4440,
-45.5739

■ 49.2145, 42.4440,
-45.5739

■ 44.3158, 51.3205,
-56.9098

■ 54.7172, 33.2056,
-34.6377

■ 40.1327, 59.3136,
-68.2192

■ 60.7200, 23.9153,
-24.2864

■ 36.7787, 65.6728,
-78.7457

■ 67.1413, 14.7258,
-14.5495

■ 34.3275, 69.5922,
-87.5106

■ 73.9153, 5.6995,
-5.3847

■ 32.8348, 71.0165,
-93.4008

■ 80.9905, -3.1499,
3.2780

■ 88.3262, -11.8327,
11.5143

■ 95.8904, -20.3691,
19.3945

■ 96.8879, -18.7783,
20.4420

■ 97.5099, -16.5349,
21.1129

Harmonies

Analogous

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



49.2155, 13.8565, -74.0077



49.2145, 42.4440, -45.5739



49.2155, 60.3812, -10.0474

Triad

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



49.2155, 42.4429, -45.5722



49.2155, 9.8535, 30.8335



49.2155, -43.7408, -14.4714

Complementary

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



49.2145, 42.4440, -45.5739



73.9382, -39.1955, 34.3714

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.



49.2155, -44.3514, 12.7132



49.2145, 42.4440, -45.5739



49.2155, -17.1942, 30.6138

Square

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



49.2155, 42.4429, -45.5722



49.2155, 38.9623, 27.1276



49.2155, -35.7031, 26.1446



49.2155, -33.7976, -50.3012

Rectangle

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



49.2145, 42.4440, -45.5739



49.2155, 61.7801, 8.4457



49.2155, -35.7031, 26.1446



49.2155, -44.9525, -3.8830

Sweetspot

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



49.2155, 42.4429, -45.5722



86.9940, 11.0522, -10.6803



51.7211, 3.7860, -40.9922



39.4327, 6.1972, -6.0405

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2155, 42.4429, -45.5722



53.3703, 63.8455, -71.0972



53.0735, 50.4245, -24.5339



35.2415, 1.8416, -1.7005



25.6419, 55.3566, -72.1429



6.6377, 14.0337, -16.3810

Inverse Universe

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



51.0794, 41.3640, 3.3991



56.5238, 61.8288, 6.2443



72.4225, -44.6900, 28.6808



35.3372, 1.7520, 1.6210



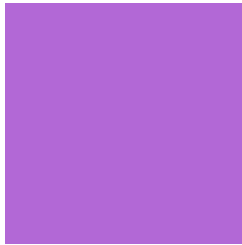
29.8760, 52.1164, 11.9190



7.4391, 13.1728, 1.4500

Previews

White Background



This preview shows how the HunterLab color 49.2145, 42.4440, -45.5739 looks on a white background.

Color Contrast Check

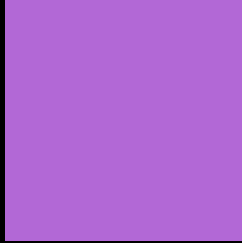
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2145, 42.4440, -45.5739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

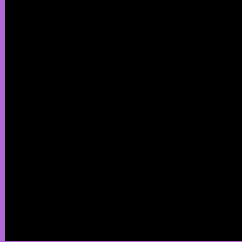
Any Text WCAG AA ✓ Pass

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 49.2145, 42.4440, -45.5739 Background



This preview shows how black text looks on a background with the HunterLab color 49.2145, 42.4440, -45.5739.



This preview shows how white text looks on a background with the HunterLab color 49.2145, 42.4440, -45.5739.

-45.5739.

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

49.2145, 42.4440, -45.5739

Protanopia

49.7243, 12.5121, -67.4381

Deuteranopia

49.5325, 4.1123, -40.8363



Tritanopia

49.2095, 12.4282, 3.8043

Trichromacy



Original Color

49.2145, 42.4440, -45.5739

Protanomaly

48.5907, 21.4664, -61.9311

Deuteranomaly

48.6391, 16.6937, -44.0610

Tritanomaly

48.8644, 22.1054, -10.9785

Monochromacy



Original Color

49.2145, 42.4440, -45.5739

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

49.4441, 12.6818, -12.5711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2145, 42.4440, -45.5739 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(178, 104, 214)` looks like.

```
.text, #text, p{  
    color:rgb(178, 104, 214)  
}
```

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(178, 104, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 104, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2145, 42.4440, -45.5739 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(178, 104, 214) }
```


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

```
.border{ border-color:rgb(178, 104, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 104, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 104, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 104, 214);  
box-shadow:4px 4px 4px 4px rgb(178, 104,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2145, 42.4440, -45.5739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 104, 214) }
```

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

```
.background{ background-color: rgb(178,  
104, 214) }
```

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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