

Converting Colors

HunterLab(49.9458, 35.0314,
-66.4770)

Have a look what the booklet for
HunterLab(49.9458, 35.0314,
-66.4770) contains.

HunterLab(49.9423, 35.0268, -66.4807)	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(49.9423, 35.0268,
-66.4807)**

Conversions

Conversions Part 1

Format	Color
Hex	9573F0
RGB	149, 115, 240
RGB Percent	58%, 45%, 94%
CMY	0.4157, 0.5490, 0.0588
CMYK	0.38, 0.52, 0.00, 0.06
HSL	256°, 81%, 70%
HSV	256°, 52%, 94%
XYZ	34.2534, 24.9423, 85.4472
YIQ	139.4160, -19.8610, 46.0830

Conversions

Conversions Part 2

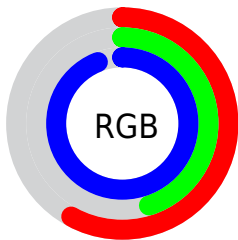
Format	Color
R _Y B	149, 115, 240
Decimal	9794544
CIE _{Lab}	57.02, 41.08, -58.58
CIE _{LCh}	57, 71.548, 305.039
Yxy	24.9432, 0.2368, 0.1724
Android (android.graphics.Color)	4287984624 (0xFF9573F0)
YUV	139.4160, 49.5879, 8.4052
Hunter-Lab	49.9423, 35.0268, -66.4807

Details

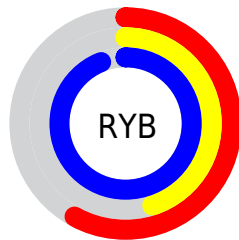
The HunterLab color $49.9423, 35.0268, -66.4807$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $87.5672, -31.5313, 42.4240$, and the grayscale version is $50.7928, -2.7102, 2.7597$.

A 20% lighter version of the original color is $69.6352, 26.2613, -37.1839$, and $30.9688, 31.7388, -66.1311$ is the 20% darker color. If you saturate the color by 10%, you get $43.1761, 43.9720, -85.8311$, and if you desaturate by 10%, it is $57.3722, 26.4978, -49.3780$.

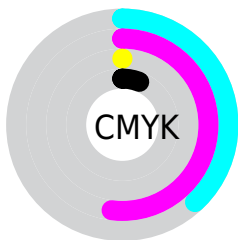
Distribution



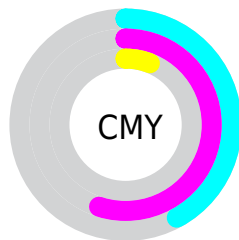
- Red (58%)
- Green (45%)
- Blue (94%)



- Red (58%)
- Yellow (45%)
- Blue (94%)



- Cyan (38%)
- Magenta (52%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (55%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9423, 35.0268, -66.4807 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 49.9423, 35.0268, -66.4807 by changing the saturation by 10% instead.

■ 49.9423, 35.0268,
-66.4807

■ 49.9423, 35.0268,
-66.4807

■ 166.5998, 43.6268,
-73.1694

■ 40.0434, 33.5778,
-66.2261

■ 71.8088, 37.5768,
-67.7034

■ 30.9010, 32.0053,
-66.4959

■ 83.6943, 38.6938,
-68.4729

■ 22.5850, 30.3161,
-67.7834

■ 96.1715, 39.7161,
-69.2787

■ 15.1873, 28.5568,
-71.2632

■ 109.2136, 40.6507,
-70.0933

■ 8.8157, 27.0934,
-80.6985

■ 122.7973, 41.5038,
-70.8992

0.0000, INF, -NF

0.0000, NaN, -NF

■ 136.9016, 42.2810,

-71.6851

0.0000, NaN, -NF

151.5080, 42.9872,
-72.4434

0.0000, NaN, -NF

■ 49.9423, 35.0268,
-66.4807

■ 49.9423, 35.0268,
-66.4807

■ 43.1761, 43.9720,
-85.8311

■ 57.3722, 26.4978,
-49.3780

■ 37.2657, 53.0142,
-107.2693

■ 65.3225, 18.4361,
-34.2512

■ 32.4624, 61.2930,
-129.4914

■ 73.6944, 10.7921,
-20.7261

■ 29.0249, 67.2564,
-149.3375

■ 82.4161, 3.4899,
-8.4607

■ 27.2486, 69.7520,
-161.3659

■ 91.4354, -3.5437,
2.8238

99.4237, -8.2802,
11.9583

99.5346, -7.8915,
12.0881

Harmonies

Analogous

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



49.9432, 2.5096, -88.8866



49.9423, 35.0268, -66.4807



49.9432, 61.2583, -26.4872

Triad

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



49.9432, 35.0269, -66.4790



49.9432, 24.1325, 31.2870



49.9432, -48.1787, -2.3542

Complementary

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



49.9423, 35.0268, -66.4807



87.5672, -31.5313, 42.4240

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.



49.9432, -45.0003, 20.7974



49.9423, 35.0268, -66.4807



49.9432, -7.6420, 32.3266

Square

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



49.9432, 35.0269, -66.4790



49.9432, 53.9973, 25.1007



49.9432, -31.7021, 30.0316



49.9432, -41.7204, -40.2582

Rectangle

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



49.9423, 35.0268, -66.4807



49.9432, 68.9230, -2.2729



49.9432, -31.7021, 30.0316



49.9432, -48.1828, 7.2427

Sweetspot

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



49.9432, 35.0269, -66.4790



84.5399, 6.8052, -14.1386



73.7571, -20.0947, -21.1717



38.2191, 3.8956, -7.7955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9432, 35.0269, -66.4790



46.1717, 47.2219, -92.2104



56.9014, 53.1188, -49.9069



39.2896, 0.7572, -2.5195



20.2992, 51.7284, -118.3956



6.2471, 15.2844, -31.5136

Inverse Universe

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



59.3663, 56.0892, -20.7536



58.7742, 71.4362, -25.3629



83.3684, -47.8624, 38.9978



39.9421, 2.7670, -0.1340



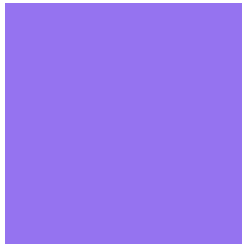
34.4278, 63.9302, -16.2932



10.0131, 18.7354, -5.8371

Previews

White Background



This preview shows how the HunterLab color 49.9423, 35.0268, -66.4807 looks on a white background.

Color Contrast Check

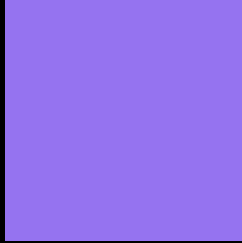
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9423, 35.0268, -66.4807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

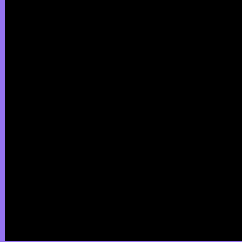
Any Text WCAG AA ✓ Pass

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 49.9423, 35.0268, -66.4807 Background



This preview shows how black text looks on a background with the HunterLab color 49.9423, 35.0268, -66.4807.



This preview shows how white text looks on a background with the HunterLab color 49.9423, 35.0268, -66.4807.

-66.4807.

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

49.9423, 35.0268, -66.4807

Protanopia

50.3714, 15.0066, -80.0574

Deuteranopia

50.1989, 4.8549, -61.8141



Tritanopia

50.0140, -3.4155, -2.9487

Trichromacy



Original Color

49.9423, 35.0268, -66.4807

Protanomaly

49.5310, 21.3330, -77.3681

Deuteranomaly

49.4564, 14.0941, -65.3299

Tritanomaly

49.5751, 8.9456, -22.2240

Monochromacy



Original Color

49.9423, 35.0268, -66.4807

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

49.9395, 9.6375, -17.8238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9423, 35.0268, -66.4807 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(149, 115, 240)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 240)  
}
```

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(149, 115, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9423, 35.0268, -66.4807 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(149, 115, 240) }
```


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

```
.border{ border-color:rgb(149, 115, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 115, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 115, 240);  
box-shadow:4px 4px 4px 4px rgb(149, 115,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9423, 35.0268, -66.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 240) }
```

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

```
.background{ background-color: rgb(149,  
115, 240) }
```

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