

Converting Colors

HunterLab(49.9226, 31.0203,
-63.3537)

Have a look what the booklet for
HunterLab(49.9226, 31.0203,
-63.3537) contains.

HunterLab(49.9423, 30.9774, -62.8937)	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, 30.9774,
-62.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	9076EC
RGB	144, 118, 236
RGB Percent	56%, 46%, 93%
CMY	0.4353, 0.5372, 0.0745
CMYK	0.39, 0.50, 0.00, 0.07
HSL	253°, 76%, 69%
HSV	253°, 50%, 93%
XYZ	33.1204, 24.9423, 82.4257
YIQ	139.2260, -22.3820, 42.2100

Conversions

Conversions Part 2

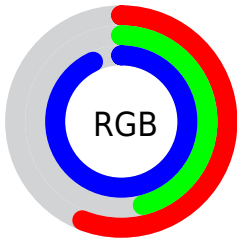
Format	Color
RYB	144, 118, 236
Decimal	9467628
CIELab	57.02, 37.11, -56.38
CIELCh	57, 67.498, 303.354
Yxy	24.9432, 0.2358, 0.1775
Android (android.graphics.Color)	4287657708 (0xFF9076EC)
YUV	139.2260, 47.7096, 4.1868
Hunter-Lab	49.9423, 30.9774, -62.8937

Details

The HunterLab color $49.9423, 30.9774, -62.8937$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $86.6031, -28.2095, 41.1360$, and the grayscale version is $50.7251, -2.7066, 2.7560$.

A 20% lighter version of the original color is $69.9302, 23.0406, -36.7187$, and $30.8823, 28.0049, -62.3585$ is the 20% darker color. If you saturate the color by 10%, you get $43.0568, 39.5895, -82.0522$, and if you desaturate by 10%, it is $57.4524, 22.9174, -46.0926$.

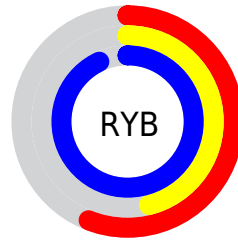
Distribution



Red (56%)

Green (46%)

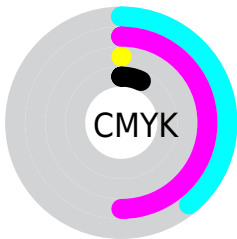
Blue (93%)



Red (56%)

Yellow (46%)

Blue (93%)

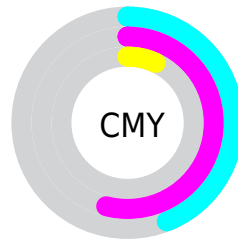


Cyan (39%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (44%)

Magenta (54%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9423, 30.9774, -62.8937 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, 30.9774, -62.8937 by changing the saturation by 10% instead.

■ 49.9423, 30.9774,
-62.8937

■ 49.9423, 30.9774,
-62.8937

166.5998, 38.2920,
-69.5044

■ 40.0434, 29.6828,
-62.5541

■ 71.8088, 33.2210,
-64.1822

■ 30.9010, 28.2611,
-62.6738

■ 83.6943, 34.1886,
-64.9547

■ 22.5850, 26.7105,
-63.6950

■ 96.1715, 35.0645,
-65.7514

■ 15.1873, 25.0560,
-66.6715

109.2136, 35.8561,
-66.5483

■ 8.8157, 23.5876,
-74.9925

122.7973, 36.5695,
-67.3302

0.0000, INF, -NF

0.0000, NaN, -NF

136.9016, 37.2102,

-68.0873

0.0000, NaN, -NF

151.5080, 37.7829,
-68.8134

0.0000, NaN, NaN

■ 49.9423, 30.9774,
-62.8937

■ 49.9423, 30.9774,
-62.8937

■ 43.0568, 39.5895,
-82.0522

■ 57.4524, 22.9174,
-46.0926

■ 36.9811, 48.5638,
-103.5922

■ 65.4519, 15.3884,
-31.2859

■ 31.9681, 57.2159,
-126.4808

■ 73.8487, 8.3044,
-18.0622

■ 28.3026, 64.0823,
-147.6810

■ 82.5765, 1.5727,
-6.0679

■ 26.0508, 67.8592,
-163.3724

■ 91.5870, -4.8873,
4.9769

■ 26.0506, 67.8595,
-163.3735

■ 99.3594, -8.7426,
13.7173

■ 99.4164, -8.5425,
13.7831

Harmonies

Analogous

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



49.9432, 0.5617, -81.7014



49.9423, 30.9774, -62.8937



49.9432, 55.9928, -26.5791

Triad

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



49.9432, 30.9775, -62.8921



49.9432, 24.2079, 30.4057



49.9432, -46.2689, -0.4112

Complementary

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



49.9423, 30.9774, -62.8937



86.6031, -28.2095, 41.1360

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, -42.6492, 20.8319



49.9423, 30.9774, -62.8937



49.9432, -5.8167, 31.7231

Square

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



49.9432, 30.9775, -62.8921



49.9432, 51.5116, 23.6516



49.9432, -29.2446, 29.5323



49.9432, -40.5330, -35.0233

Rectangle

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



49.9423, 30.9774, -62.8937



49.9432, 63.8334, -3.6637



49.9432, -29.2446, 29.5323



49.9432, -46.1001, 8.3559

Sweetspot

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



49.9432, 30.9775, -62.8921



85.2955, 5.3968, -13.1099



74.9772, -22.2542, -16.9427



38.5317, 3.2201, -7.3598

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, 30.9775, -62.8921



46.8328, 43.4708, -90.1535



56.2579, 47.9147, -48.1300



38.3522, 0.5634, -2.5183



19.4609, 50.4805, -120.3926



5.8212, 14.4719, -31.1445

Inverse Universe

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



59.5344, 53.8346, -23.0944



59.9987, 70.7708, -29.5858



82.4139, -44.3564, 37.6755



39.0559, 2.7876, -0.3776



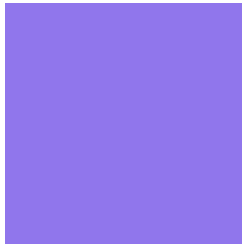
34.2892, 64.3430, -21.4214



9.6812, 18.2876, -6.9861

Previews

White Background



This preview shows how the HunterLab color 49.9423, 30.9774, -62.8937 looks on a white background.

Color Contrast Check

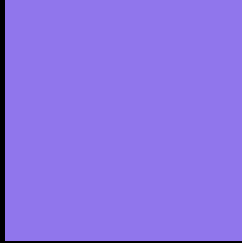
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.9774, -62.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

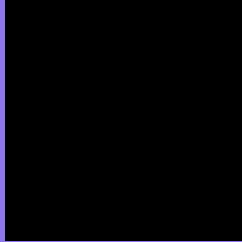
Any Text WCAG AA ✓ Pass

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, 30.9774, -62.8937 Background



This preview shows how black text looks on a background with the HunterLab color 49.9423, 30.9774, -62.8937.



This preview shows how white text looks on a background with the HunterLab color 49.9423, 30.9774, -62.8937.

-62.8937.

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, 30.9774, -62.8937

Protanopia

50.3169, 14.3293, -76.2867

Deuteranopia

50.2676, 4.7417, -58.9889



Tritanopia

49.9523, -5.0501, -3.5560

Trichromacy



Original Color

49.9423, 30.9774, -62.8937

Protanomaly

49.8587, 19.1505, -72.6236

Deuteranomaly

49.6010, 12.6962, -61.3635

Tritanomaly

49.3904, 6.8707, -21.9240

Monochromacy



Original Color

49.9423, 30.9774, -62.8937

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

49.9513, 8.1429, -16.6086

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9423, 30.9774, -62.8937 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(144, 118, 236)` looks like.

```
.text, #text, p{  
    color:rgb(144, 118, 236)  
}
```

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(144, 118, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 118, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9423, 30.9774, -62.8937 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(144, 118, 236) }
```


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

```
.border{ border-color:rgb(144, 118, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 118, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 118, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 118, 236);  
box-shadow:4px 4px 4px 4px rgb(144, 118,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9423, 30.9774, -62.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 118, 236) }
```

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

```
.background{ background-color: rgb(144,  
118, 236) }
```

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