

Converting Colors

HunterLab(49.3746, 35.3481,
-23.1472)

Have a look what the booklet for
HunterLab(49.3746, 35.3481,
-23.1472) contains.

HunterLab(49.3722, 35.7319, -23.4082)	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(49.3722, 35.7319,
-23.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	B86CB8
RGB	184, 108, 184
RGB Percent	72%, 42%, 72%
CMY	0.2784, 0.5765, 0.2784
CMYK	0.00, 0.41, 0.00, 0.28
HSL	300°, 35%, 57%
HSV	300°, 41%, 72%
XYZ	33.7814, 24.3761, 48.2720
YIQ	139.3880, 20.9000, 39.7480

Conversions

Conversions Part 2

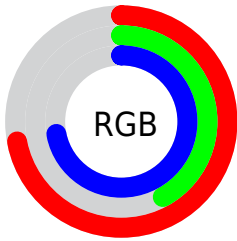
Format	Color
RYB	184, 108, 184
Decimal	12086456
CIELab	56.46, 41.83, -27.57
CIELCh	56, 50.099, 326.618
Yxy	24.3772, 0.3174, 0.2290
Android (android.graphics.Color)	4290276536 (0xFFB86CB8)
YUV	139.3880, 21.9937, 39.1247
Hunter-Lab	49.3722, 35.7319, -23.4082

Details

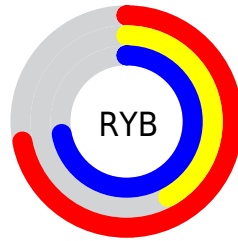
The HunterLab color $49.3722, 35.7319, -23.4082$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $62.0908, -33.8198, 24.1193$, and the grayscale version is $50.8766, -2.7146, 2.7642$.

A 20% lighter version of the original color is $71.0505, 38.3294, -24.3406$, and $30.3843, 32.6757, -22.6058$ is the 20% darker color. If you saturate the color by 10%, you get $45.7131, 45.1194, -29.8578$, and if you desaturate by 10%, it is $53.5505, 26.0587, -16.7544$.

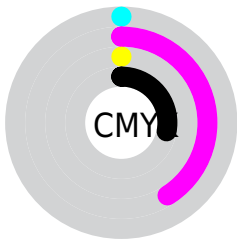
Distribution



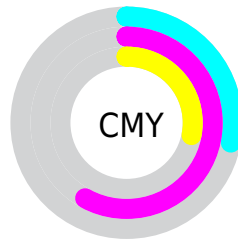
- Red (72%)
- Green (42%)
- Blue (72%)



- Red (72%)
- Yellow (42%)
- Blue (72%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (28%)



- Cyan (28%)
- Magenta (58%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3722, 35.7319, -23.4082 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 49.3722, 35.7319, -23.4082 by changing the saturation by 10% instead.

49.3722, 35.7319,
-23.4082

49.3722, 35.7319,
-23.4082

165.7474, 44.6151,
-25.7781

39.5142, 34.2459,
-22.8779

71.1654, 38.3496,
-24.3159

30.4158, 32.6392,
-22.3218

83.0170, 39.5001,
-24.6863

22.1481, 30.9200,
-21.7882

95.4620, 40.5549,
-24.9999

14.8049, 29.1438,
-21.4111

108.4734, 41.5211,
-25.2583

8.4590, 27.9722,
-21.8747

122.0274, 42.4049,
-25.4632

0.0000, INF, -NF

0.0000, NaN, -NF

136.1033, 43.2120,

-25.6168

0.0000, NaN, NaN

150.6822, 43.9473,
-25.7211

0.0000, NaN, NaN

■ 49.3722, 35.7319,
-23.4082

■ 49.3722, 35.7319,
-23.4082

■ 45.7131, 45.1194,
-29.8578

■ 53.5505, 26.0587,
-16.7544

■ 42.6423, 53.8247,
-35.8331

■ 58.1741, 16.3731,
-10.0845

■ 40.2238, 61.3334,
-40.9828

■ 63.1809, 6.8292,
-3.5039

■ 38.4948, 67.1201,
-44.9491

■ 68.5167, -2.4972,
2.9347

■ 37.4458, 70.8245,
-47.4870

■ 74.1364, -11.5802,
9.2129

■ 36.9475, 72.6399,
-48.7305

■ 80.0027, -20.4230,
15.3322

■ 86.0853, -29.0430,
21.3039

■ 92.2883, -37.3715,
27.0796

■ 92.2883, -37.3715,
27.0795

Harmonies

Analogous

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



49.3733, 16.7516, -45.3498



49.3722, 35.7319, -23.4082



49.3733, 44.3872, 0.3718

Triad

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



49.3733, 35.7302, -23.4068



49.3733, -0.2369, 27.6868



49.3733, -33.7523, -17.7636

Complementary

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



49.3722, 35.7319, -23.4082



62.0908, -33.8198, 24.1193

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.



49.3733, -36.7758, 4.8962



49.3722, 35.7319, -23.4082



49.3733, -19.4300, 26.1467

Square

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



49.3733, 35.7302, -23.4068



49.3733, 21.5557, 25.1811



49.3733, -31.9883, 19.4723



49.3733, -22.9153, -41.2479

Rectangle

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



49.3722, 35.7319, -23.4082



49.3733, 42.2277, 12.4441



49.3733, -31.9883, 19.4723



49.3733, -35.6289, -9.5843

Sweetspot

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



49.3733, 35.7302, -23.4068



84.4411, 10.3380, -5.5063



41.6835, 13.5544, -38.5799



38.7936, 5.5629, -3.0829



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.



49.3733, 35.7302, -23.4068



61.7601, 60.1748, -39.8063



47.9499, 28.9543, -3.5735



30.2700, 2.3462, -1.0492



30.6727, 60.3035, -40.4546



5.7590, 11.3224, -7.5957

Inverse Universe

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



49.3733, 35.7302, -23.4068



61.7601, 60.1748, -39.8063



62.8851, -29.1112, 12.5993



30.2700, 2.3462, -1.0492



30.6727, 60.3035, -40.4546



5.7590, 11.3224, -7.5957

Previews

White Background



This preview shows how the HunterLab color 49.3722, 35.7319, -23.4082 looks on a white background.

Color Contrast Check

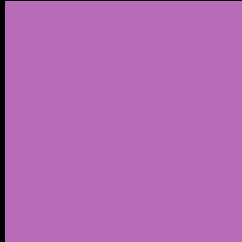
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3722, 35.7319, -23.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

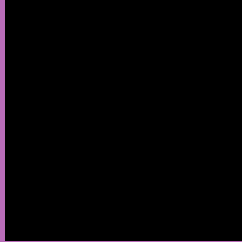
Any Text WCAG AA ✓ Pass

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 49.3722, 35.7319, -23.4082 Background



This preview shows how black text looks on a background with the HunterLab color 49.3722, 35.7319, -23.4082.



This preview shows how white text looks on a background with the HunterLab color 49.3722, 35.7319, -23.4082.

-23.4082.

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

49.3722, 35.7319, -23.4082

Protanopia

49.7889, 6.0103, -37.2432

Deuteranopia

49.6637, 3.3714, -20.2527



Tritanopia

49.3609, 17.8030, 5.7811

Trichromacy



Original Color

49.3722, 35.7319, -23.4082

Protanomaly

49.0935, 15.5027, -33.2719

Deuteranomaly

49.1064, 14.1276, -22.2753

Tritanomaly

49.3599, 23.8904, -3.3204

Monochromacy



Original Color

49.3722, 35.7319, -23.4082

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

49.7729, 10.2762, -6.0901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3722, 35.7319, -23.4082 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, 108, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 108, 184)  
}
```

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, 108, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 108, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3722, 35.7319, -23.4082 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, 108, 184) }
```


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

```
.border{ border-color:rgb(184, 108, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 108, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 108, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 108, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 108,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3722, 35.7319, -23.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 108, 184) }
```

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

```
.background{ background-color: rgb(184,  
108, 184) }
```

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