

Converting Colors

HunterLab(71.2933, 29.3118,
-50.8289)

Have a look what the booklet for
HunterLab(71.2933, 29.3118,
-50.8289) contains.

HunterLab(70.2317, 23.9721, -36.1722)	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(70.2317, 23.9721,
-36.1722)**

Conversions

Conversions Part 1

Format	Color
Hex	CDABFF
RGB	205, 171, 255
RGB Percent	80%, 67%, 100%
CMY	0.1961, 0.3294, 0.0000
CMYK	0.20, 0.33, 0.00, 0.00
HSL	264°, 100%, 84%
HSV	264°, 33%, 100%
XYZ	57.7897, 49.3249, 101.0825
YIQ	190.7420, -6.7000, 33.3320

Conversions

Conversions Part 2

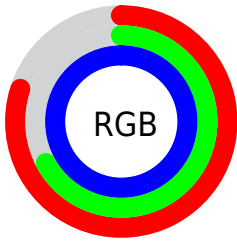
Format	Color
R _Y B	205, 171, 255
Decimal	13478911
CIE Lab	75.65, 28.53, -37.08
CIE LCh	76, 46.785, 307.572
Yxy	49.3269, 0.2776, 0.2369
Android (android.graphics.Color)	4291668991 (0xFFCDABFF)
YUV	190.7420, 31.6792, 12.5043
Hunter-Lab	70.2317, 23.9721, -36.1722

Details

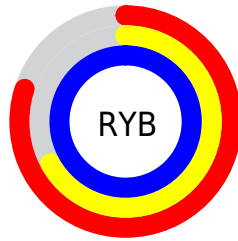
The HunterLab color $70.2317, 23.9721, -36.1722$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $94.7802, -28.5153, 33.8013$, and the grayscale version is $71.9449, -3.8388, 3.9089$.

A 20% lighter version of the original color is $91.3335, 9.7261, -4.9659$, and $48.3980, 22.5035, -35.2331$ is the 20% darker color. If you saturate the color by 10%, you get $62.0884, 33.4932, -51.4987$, and if you desaturate by 10%, it is $78.8489, 14.7632, -22.2949$.

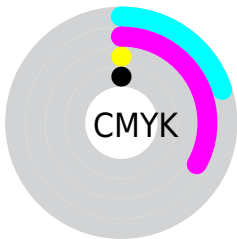
Distribution



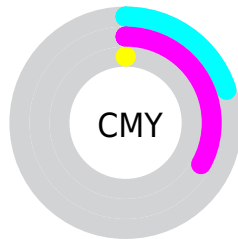
- Red (80%)
- Green (67%)
- Blue (100%)



- Red (80%)
- Yellow (67%)
- Blue (100%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.2317, 23.9721, -36.1722 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 70.2317, 23.9721, -36.1722 by changing the saturation by 10% instead.

 70.2317, 23.9721,
-36.1722

 70.2317, 23.9721,
-36.1722


195.9662, 27.2135,
-39.7970

 59.0583, 23.2380,
-35.5429


 94.4334, 25.1690,
-37.3093

 48.5485, 22.4036,
-34.8964

107.3999, 25.6500,
-37.8098

 38.7487, 21.4556,
-34.2621

120.9108, 26.0605,
-38.2612

 29.7147, 20.3802,
-33.7047


134.9452, 26.4058,
-38.6635

 21.5180, 19.1638,
-33.3674

149.4840, 26.6901,
-39.0172

 14.2548, 17.8012,
-33.6118

164.5105, 26.9173,

 7.9117, 17.2021,

-39.3231

-36.4930

180.0092, 27.0908,
-39.5826

0.0000, INF, -NF

0.0000, NaN, -NF

■ 70.2317, 23.9721,
-36.1722

■ 70.2317, 23.9721,
-36.1722

■ 62.0884, 33.4932,
-51.4987

■ 78.8489, 14.7632,
-22.2949

■ 54.5224, 43.2895,
-68.5262

■ 87.8568, 5.8463,
-9.6066

■ 47.6803, 53.1611,
-87.3327

■ 97.1976, -2.8259,
2.1331

■ 41.7517, 62.5909,
-107.5258

100.0000, -5.3358,
5.4332

■ 36.9600, 70.5587,

-127.7569

■ 33.5046, 75.6068,
-145.4497

■ 31.8061, 77.1683,
-155.4091

Harmonies

Analogous

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



70.2331, 1.9148, -48.9575



70.2317, 23.9721, -36.1722



70.2331, 39.8196, -13.3415

Triad

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



70.2331, 23.9707, -36.1699



70.2331, 13.1402, 31.7895



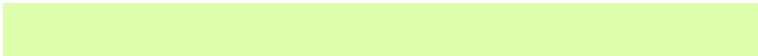
70.2331, -40.9816, -1.6935

Complementary

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



70.2317, 23.9721, -36.1722



94.7802, -28.5153, 33.8013

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.



70.2331, -38.7550, 17.5167



70.2317, 23.9721, -36.1722



70.2331, -9.2432, 33.1727

Square

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



70.2331, 23.9707, -36.1699



70.2331, 33.0490, 24.2121



70.2331, -27.7452, 28.8368



70.2331, -34.2529, -25.4319

Rectangle

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



70.2317, 23.9721, -36.1722



70.2331, 43.7454, 2.0957



70.2331, -27.7452, 28.8368



70.2331, -41.2393, 5.5074

Sweetspot

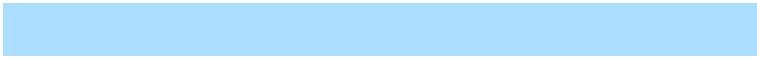
The Sweet Spot groups the original color and five complimentary colors.



70.2331, 23.9707, -36.1699



90.5703, 3.2738, -6.0667



82.3430, -12.2827, -17.5968



41.3001, 2.0824, -3.5852

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2331, 23.9707, -36.1699



64.4280, 30.6617, -46.8259



74.8658, 37.8639, -28.1298



42.1148, 1.3149, -2.5342



23.1680, 55.9591, -111.2542



7.6444, 17.8962, -32.3082

Inverse Universe

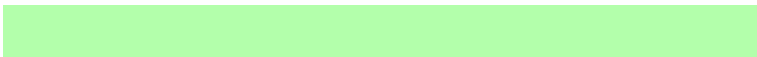
The Inverse Universe completely reimagines the original color for something new.



74.5707, 34.3196, -7.8389



69.9163, 42.9115, -9.9536



91.7019, -40.1929, 30.8909



42.6246, 2.7257, 0.5481



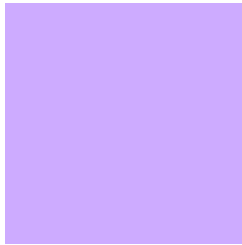
35.0999, 63.5604, -4.0687



11.0509, 20.1881, -2.6509

Previews

White Background



This preview shows how the HunterLab color 70.2317, 23.9721, -36.1722 looks on a white background.

Color Contrast Check

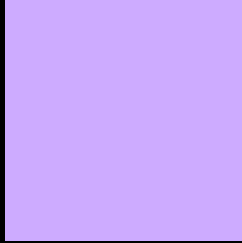
Large Text (above 18pt) WCAG AA × Fail

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 70.2317, 23.9721, -36.1722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

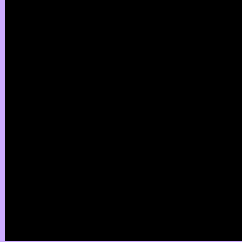
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 70.2317, 23.9721, -36.1722 Background



This preview shows how black text looks on a background with the HunterLab color 70.2317, 23.9721, -36.1722.



This preview shows how white text looks on a background with the HunterLab color 70.2317, 23.9721, -36.1722.

-36.1722.

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

70.2317, 23.9721, -36.1722

Protanopia

70.3565, 5.5253, -36.2767

Deuteranopia

70.4515, 5.5709, -33.9956



Tritanopia

70.3564, 2.5054, -1.1175

Trichromacy



Original Color

70.2317, 23.9721, -36.1722

Protanomaly

70.1167, 12.2018, -36.5802

Deuteranomaly

70.1112, 12.0012, -35.1733

Tritanomaly

70.3166, 9.7819, -12.4282

Monochromacy



Original Color

70.2317, 23.9721, -36.1722

Achromatopsia

72.1800, -3.8513, 3.9217

Achromatomaly

71.3245, 5.4276, -8.8393

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2317, 23.9721, -36.1722 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(205, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 255)  
}
```

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(205, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2317, 23.9721, -36.1722 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(205, 171, 255) }
```


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

```
.border{ border-color:rgb(205, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 171,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2317, 23.9721, -36.1722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 171, 255) }
```

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

```
.background{ background-color: rgb(205,  
171, 255) }
```

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