

Converting Colors

HunterLab(36.2736, 69.0357,
-46.3197)

Have a look what the booklet for
HunterLab(36.2736, 69.0357,
-46.3197) contains.

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Color

**HunterLab(36.2301, 68.9864,
-46.2599)**

Conversions

Conversions Part 1

Format	Color
Hex	B30DB3
RGB	179, 13, 179
RGB Percent	70%, 5%, 70%
CMY	0.2980, 0.9490, 0.2980
CMYK	0.00, 0.93, 0.00, 0.30
HSL	300°, 86%, 38%
HSV	300°, 93%, 70%
XYZ	26.8710, 13.1262, 43.7651
YIQ	81.5580, 45.6500, 86.8180

Conversions

Conversions Part 2

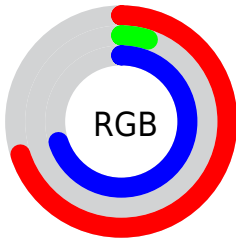
Format	Color
R_{YB}	179, 13, 179
Decimal	11734451
CIE _{Lab}	42.95, 74.05, -45.96
CIE _{LCh}	43, 87.152, 328.176
Yxy	13.1268, 0.3208, 0.1567
Android (android.graphics.Color)	4289924531 (0xFFB30DB3)
YUV	81.5580, 48.0389, 85.4566
Hunter-Lab	36.2301, 68.9864, -46.2599

Details

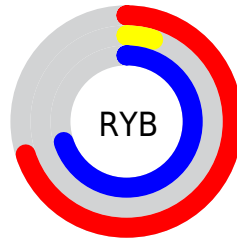
The HunterLab color **36.2301, 68.9864, -46.2599** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **56.8818, -48.2063, 33.8089**, and the grayscale version is **28.7105, -1.5319, 1.5599**.

A 20% lighter version of the original color is **56.1138, 73.2949, -47.1858**, and **23.5491, 46.6160, -33.5218** is the 20% darker color. If you saturate the color by 10%, you get **35.8309, 70.4446, -47.2582**, and if you desaturate by 10%, it is **37.1674, 65.6605, -43.9808**.

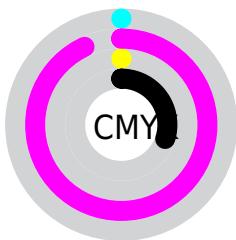
Distribution



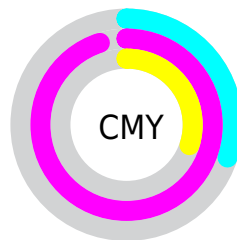
- Red (70%)
- Green (5%)
- Blue (70%)



- Red (70%)
- Yellow (5%)
- Blue (70%)



- Cyan (0%)
- Magenta (93%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (95%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2301, 68.9864, -46.2599 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 36.2301, 68.9864, -46.2599 by changing the saturation by 10% instead.

36.2301, 68.9864,
-46.2599

36.2301, 68.9864,
-46.2599

145.5090, 87.8780,
-52.0694

27.4152, 66.7004,
-46.0144

56.1528, 73.7036,
-47.4466

19.4597, 64.7402,
-46.3993

67.1520, 75.9930,
-48.1578

12.4701, 63.7595,
-48.3022

78.7882, 78.2006,
-48.8785

5.7183, 79.6664,
-64.6131

91.0282, 80.3179,
-49.5851

0.0000, INF, -NF

0.0000, NaN, NaN

103.8437, 82.3429,
-50.2639

0.0000, NaN, NaN

117.2097, 84.2762,

0.0000, NaN, NaN

-50.9069

131.1047, 86.1202,
-51.5096

■ 36.2301, 68.9864,
-46.2599

■ 36.2301, 68.9864,
-46.2599

■ 35.8309, 70.4446,
-47.2582

■ 37.1674, 65.6605,
-43.9808

■ 38.7555, 60.3021,
-40.3083

■ 41.0114, 53.2228,
-35.4534

■ 43.9039, 44.9192,
-29.7544

■ 47.3745, 35.8945,
-23.5547

■ 51.3539, 26.5527,
-17.1301

■ 55.7736, 17.1692,
-10.6692

■ 60.5713, 7.9071,
-4.2840

■ 65.6935, -1.1516,
1.9687

Harmonies

Analogous

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



36.2309, 33.0261, -101.2455



36.2301, 68.9864, -46.2599



36.2309, 85.4241, 0.0048

Triad

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



36.2309, 68.9845, -46.2581



36.2309, 0.0996, 25.3617



36.2309, -42.5298, -39.4903

Complementary

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



36.2301, 68.9864, -46.2599



56.8818, -48.2063, 33.8089

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.



36.2309, -45.9556, 3.8350



36.2301, 68.9864, -46.2599



36.2309, -27.2238, 25.3617

Square

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



36.2309, 68.9845, -46.2581



36.2309, 37.8098, 25.3608



36.2309, -41.5347, 21.5151



36.2309, -29.6174, -95.4342

Rectangle

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



36.2301, 68.9864, -46.2599



36.2309, 79.8623, 16.1677



36.2309, -41.5347, 21.5151



36.2309, -44.5713, -22.2628

Sweetspot

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



36.2309, 68.9845, -46.2581



71.1748, 30.1826, -19.2409



19.0492, 45.8181, -120.2019



32.3428, 16.7380, -10.7988



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



36.2309, 68.9845, -46.2581



47.9512, 94.2735, -63.2439



32.7366, 56.3793, 1.1126



29.4053, 2.2634, -1.0085



30.1201, 59.2170, -39.7261



5.3427, 10.5040, -7.0467

Inverse Universe

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



36.2309, 68.9845, -46.2581



47.9512, 94.2735, -63.2439



57.5943, -43.7688, 23.3287



29.4053, 2.2634, -1.0085



30.1201, 59.2170, -39.7261



5.3427, 10.5040, -7.0467

Previews

White Background



This preview shows how the HunterLab color 36.2301, 68.9864, -46.2599 looks on a white background.

Color Contrast Check

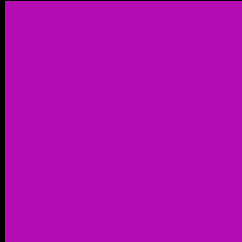
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 36.2301, 68.9864, -46.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

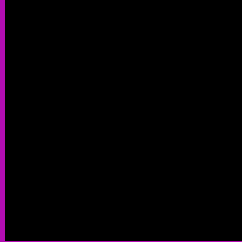
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 36.2301, 68.9864, -46.2599 Background



This preview shows how black text looks on a background with the HunterLab color 36.2301, 68.9864, -46.2599.



This preview shows how white text looks on a background with the HunterLab color 36.2301, 68.9864, -46.2599.

-46.2599.

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

36.2301, 68.9864, -46.2599

Protanopia

36.8467, 13.4872, -75.1702

Deuteranopia

36.8127, 2.9999, -36.9290



Tritanopia

36.5419, 32.3125, 11.9887

Trichromacy



Original Color

36.2301, 68.9864, -46.2599



Protanomaly

30.6294, 31.2266, -85.1723



Deuteranomaly

32.1903, 29.4076, -51.5370



Tritanomaly

34.9916, 46.5765, -4.0943

Monochromacy



Original Color

36.2301, 68.9864, -46.2599



Achromatopsia

29.0476, -1.5499, 1.5782



Achromatomaly

28.2710, 26.3562, -17.4132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2301, 68.9864, -46.2599 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(179, 13, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 13, 179)  
}
```

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(179, 13, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 13, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2301, 68.9864, -46.2599 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(179, 13, 179) }
```


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

```
.border{ border-color:rgb(179, 13, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 13, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 13, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 13, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 13,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2301, 68.9864, -46.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 13, 179) }
```

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

```
.background{ background-color: rgb(179, 13,  
179) }
```

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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