

Converting Colors

HunterLab(30.9930, 93.0622,
-62.3236)

Have a look what the booklet for
HunterLab(30.9930, 93.0622,
-62.3236) contains.

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Color

**HunterLab(36.2202, 71.1259,
-47.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	B500B4
RGB	181, 0, 180
RGB Percent	71%, 0%, 71%
CMY	0.2902, 0.9999, 0.2941
CMYK	0.00, 1.00, 0.01, 0.29
HSL	300°, 100%, 35%
HSV	300°, 100%, 71%
XYZ	27.2943, 13.1190, 44.2736
YIQ	74.6390, 50.0960, 94.3520

Conversions

Conversions Part 2

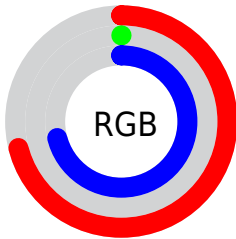
Format	Color
R_{YB}	181, 0, 180
Decimal	11862196
CIE _{Lab}	42.94, 75.81, -46.54
CIE _{LCh}	43, 88.959, 328.452
Yxy	13.1196, 0.3223, 0.1549
Android (android.graphics.Color)	4290052276 (0xFFB500B4)
YUV	74.6390, 51.9430, 93.2786
Hunter-Lab	36.2202, 71.1259, -47.1188

Details

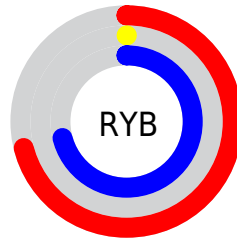
The HunterLab color **36.2202, 71.1259, -47.1188** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **57.4896, -49.2829, 34.5318**, and the grayscale version is **26.2085, -1.3984, 1.4240**.

A 20% lighter version of the original color is **56.2420, 76.0392, -48.4757**, and **23.9109, 47.2478, -33.3835** is the 20% darker color. If you saturate the color by 10%, you get **36.2204, 71.1262, -47.1184**, and if you desaturate by 10%, it is **36.8237, 68.9746, -45.7127**.

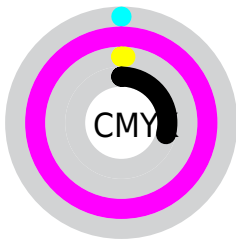
Distribution



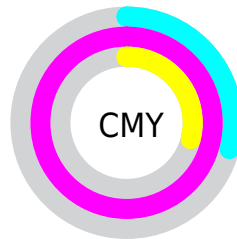
- Red (71%)
- Green (0%)
- Blue (71%)



- Red (71%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2202, 71.1259, -47.1188 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 36.2202, 71.1259, -47.1188 by changing the saturation by 10% instead.

36.2202, 71.1259,
-47.1188

36.2202, 71.1259,
-47.1188

145.4933, 90.4084,
-52.9673

27.4062, 68.8358,
-46.9007

56.1414, 75.9021,
-48.2890

19.4517, 66.9106,
-47.3412

67.1399, 78.2331,
-49.0016

12.4631, 66.0528,
-49.3616

78.7754, 80.4859,
-49.7273

5.7079, 82.8469,
-66.2496

91.0148, 82.6508,
-50.4413

0.0000, INF, -NF

0.0000, NaN, NaN

103.8296, 84.7245,
-51.1291

0.0000, NaN, NaN

117.1951, 86.7073,

0.0000, NaN, NaN

-51.7823

131.0895, 88.6010,
-52.3959

■ 36.2202, 71.1259,
-47.1188

■ 36.2202, 71.1259,
-47.1188

■ 36.2204, 71.1262,
-47.1184

■ 36.8237, 68.9746,
-45.7127

■ 37.9507, 65.0606,
-43.1032

■ 39.7489, 59.1397,
-39.1192

■ 42.2196, 51.6003,
-34.0209

■ 45.3213, 42.9636,
-28.1603

■ 48.9902, 33.7194,
-21.8697

■ 53.1552, 24.2417,
-15.4039

■ 57.7479, 14.7757,
-8.9309

■ 62.7078, 5.4607,
-2.5473

Harmonies

Analogous

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



36.2210, 34.2351, -104.2278



36.2202, 71.1259, -47.1188



36.2210, 87.8138, 0.2737

Triad

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



36.2210, 71.1239, -47.1169



36.2210, -0.1747, 25.3547



36.2210, -43.0099, -41.1809

Complementary

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



36.2202, 71.1259, -47.1188



57.4896, -49.2829, 34.5318

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.



36.2210, -46.5117, 3.5911



36.2202, 71.1259, -47.1188



36.2210, -27.8436, 25.3547

Square

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



36.2210, 71.1239, -47.1169



36.2210, 38.4040, 25.3547



36.2210, -42.1633, 21.6315



36.2210, -29.8988, -99.1036

Rectangle

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



36.2202, 71.1259, -47.1188



36.2210, 81.8872, 16.5199



36.2210, -42.1633, 21.6315



36.2210, -45.0809, -23.3468

Sweetspot

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



36.2210, 71.1239, -47.1169



70.8354, 33.0937, -21.0597



18.2670, 49.5397, -129.7700



31.8286, 17.8358, -11.4634



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.



36.2210, 71.1239, -47.1169



48.4713, 95.1814, -63.0407



32.5135, 57.9740, 3.2020



29.4039, 2.2558, -0.9885



30.0738, 59.0570, -39.1295



5.3370, 10.4840, -6.9721

Inverse Universe

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



36.2210, 71.1239, -47.1169



48.4713, 95.1814, -63.0407



58.1337, -45.2622, 25.0474



29.4039, 2.2558, -0.9885



30.0738, 59.0570, -39.1295



5.3370, 10.4840, -6.9721

Previews

White Background



This preview shows how the HunterLab color 36.2202, 71.1259, -47.1188 looks on a white background.

Color Contrast Check

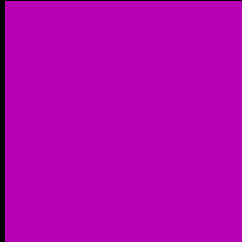
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2202, 71.1259, -47.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

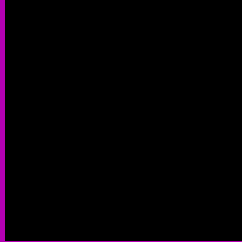
Any Text WCAG AA × Fail

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 36.2202, 71.1259, -47.1188 Background



This preview shows how black text looks on a background with the HunterLab color 36.2202, 71.1259, -47.1188.



This preview shows how white text looks on a background with the HunterLab color 36.2202, 71.1259, -47.1188.

-47.1188.

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

36.2202, 71.1259, -47.1188

Protanopia

37.2395, 13.6367, -75.9838

Deuteranopia

37.1779, 2.9321, -36.9011



Tritanopia

36.8246, 32.9916, 12.5512

Trichromacy



Original Color

36.2202, 71.1259, -47.1188



Protanomaly

29.9920, 33.8449, -88.9495



Deuteranomaly

31.5875, 31.9438, -54.1844



Tritanomaly

34.7386, 49.0381, -4.3999

Monochromacy



Original Color

36.2202, 71.1259, -47.1188



Achromatopsia

26.5255, -1.4153, 1.4412



Achromatomaly

26.2366, 28.7680, -18.6343

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2202, 71.1259, -47.1188 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(181, 0, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 180)  
}
```

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(181, 0, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2202, 71.1259, -47.1188 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(181, 0, 180) }
```


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

```
.border{ border-color:rgb(181, 0, 180) }
```

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

Here you see how a box with a 4 pixel rgb(181, 0, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2202, 71.1259, -47.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 180) }
```

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

```
.background{ background-color: rgb(181, 0,  
180) }
```

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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