

Converting Colors

HunterLab(30.3893, 94.2860,
-82.8653)

Have a look what the booklet for
HunterLab(30.3893, 94.2860,
-82.8653) contains.

HunterLab(35.6218, 72.3198, -64.7046)	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(35.6218, 72.3198,
-64.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	AB00C5
RGB	171, 0, 197
RGB Percent	67%, 0%, 77%
CMY	0.3294, 0.9999, 0.2274
CMYK	0.13, 1.00, 0.00, 0.23
HSL	292°, 100%, 39%
HSV	292°, 100%, 77%
XYZ	26.8726, 12.6891, 53.8562
YIQ	73.5870, 38.6790, 97.5190

Conversions

Conversions Part 2

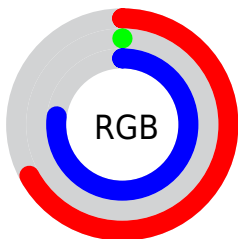
Format	Color
RYB	171, 0, 197
Decimal	11206853
CIELab	42.29, 76.91, -57.67
CIELCh	42, 96.128, 323.138
Yxy	12.6897, 0.2877, 0.1358
Android (android.graphics.Color)	4289396933 (0xFFAB00C5)
YUV	73.5870, 60.8426, 85.4312
Hunter-Lab	35.6218, 72.3198, -64.7046

Details

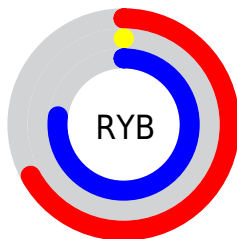
The HunterLab color **35.6218, 72.3198, -64.7046** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **63.3660, -53.4447, 38.1098**, and the grayscale version is **25.8045, -1.3769, 1.4020**.

A 20% lighter version of the original color is **55.5558, 77.3477, -65.3794**, and **23.3746, 48.3846, -49.6621** is the 20% darker color. If you saturate the color by 10%, you get **35.6218, 72.3198, -64.7049**, and if you desaturate by 10%, it is **36.7076, 70.4119, -61.4684**.

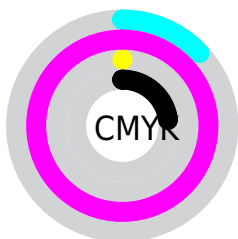
Distribution



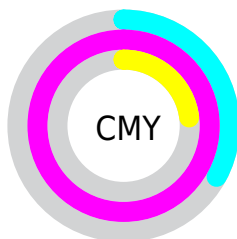
- Red (67%)
- Green (0%)
- Blue (77%)



- Red (67%)
- Yellow (0%)
- Blue (77%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6218, 72.3198, -64.7046 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 35.6218, 72.3198, -64.7046 by changing the saturation by 10% instead.

35.6218, 72.3198,
-64.7046

35.6218, 72.3198,
-64.7046

144.5403, 91.8787,
-70.5801

26.8611, 70.0439,
-65.2825

55.4483, 77.1304,
-65.2466

18.9659, 68.1853,
-67.2334

66.4040, 79.4907,
-65.8884

12.0450, 67.5331,
-72.3712

77.9991, 81.7765,
-66.6318

5.0371, 92.9996,
-110.1903

90.2001, 83.9763,
-67.4236

0.0000, INF, -NF

0.0000, NaN, -NF

102.9782, 86.0860,
-68.2314

0.0000, NaN, NaN

116.3086, 88.1050,

0.0000, NaN, NaN

-69.0347

130.1691, 90.0351,
-69.8204

■ 35.6218, 72.3198,
-64.7046

■ 35.6218, 72.3198,
-64.7046

■ 35.6218, 72.3198,
-64.7049

■ 36.7076, 70.4119,
-61.4684

■ 38.4230, 66.4033,
-56.6726

■ 40.9036, 60.1766,
-50.3098

■ 44.1235, 52.2835,
-42.8763

■ 48.0143, 43.3475,
-34.8834

■ 52.4913, 33.8866,
-26.7271

■ 57.4703, 24.2574,
-18.6585

■ 62.8763, 14.6723,
-10.8096

■ 68.6459, 5.2405,
-3.2331

Harmonies

Analogous

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



35.6225, 29.6582, -127.7556



35.6218, 72.3198, -64.7046



35.6225, 96.4399, -6.8802

Triad

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



35.6225, 72.3186, -64.7026



35.6225, 6.7698, 24.9358



35.6225, -45.8804, -34.9567

Complementary

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



35.6218, 72.3198, -64.7046



63.3660, -53.4447, 38.1098

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.



35.6225, -47.9250, 8.9564



35.6218, 72.3198, -64.7046



35.6225, -25.2678, 24.9358

Square

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



35.6225, 72.3186, -64.7026



35.6225, 49.9910, 24.9358



35.6225, -42.1470, 23.1551



35.6225, -34.6953, -101.5635

Rectangle

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



35.6218, 72.3198, -64.7046



35.6225, 93.9422, 13.9133



35.6225, -42.1470, 23.1551



35.6225, -47.4118, -16.5567

Sweetspot

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



35.6225, 72.3186, -64.7026



76.5867, 33.0665, -25.4698



21.8690, 47.0561, -128.9126



34.0834, 17.8531, -13.9114

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.6225, 72.3186, -64.7026



47.5881, 96.6675, -86.8558



36.5315, 66.5962, -7.6890



32.7764, 2.2211, -1.3223



28.9350, 58.7155, -52.3364



6.4550, 12.9994, -10.9057

Inverse Universe

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



34.5620, 59.4021, 20.6591



46.2315, 79.4184, 27.9704



63.5640, -51.8601, 32.5025



32.6487, 1.3098, 2.2418



28.0425, 48.2239, 16.5678



6.1646, 10.7245, 2.6850

Previews

White Background



This preview shows how the HunterLab color 35.6218, 72.3198, -64.7046 looks on a white background.

Color Contrast Check

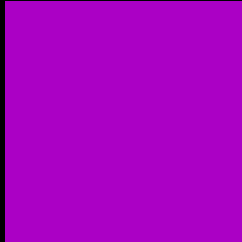
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6218, 72.3198, -64.7046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

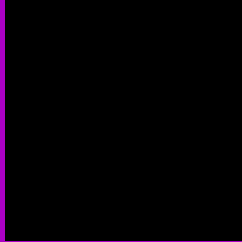
Any Text WCAG AA × Fail

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 35.6218, 72.3198, -64.7046 Background



This preview shows how black text looks on a background with the HunterLab color 35.6218, 72.3198, -64.7046.



This preview shows how white text looks on a background with the HunterLab color 35.6218, 72.3198, -64.7046.

-64.7046.

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

35.6218, 72.3198, -64.7046

Protanopia

36.4547, 13.3380, -74.3581

Deuteranopia

36.5531, 2.4549, -50.9876



Tritanopia

36.0558, 25.6455, 9.2093

Trichromacy



Original Color

35.6218, 72.3198, -64.7046

Protanomaly

29.7137, 35.7582, -95.0541

Deuteranomaly

29.3167, 28.5801, -78.8014

Tritanomaly

33.5096, 44.8817, -12.3051

Monochromacy



Original Color

35.6218, 72.3198, -64.7046

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

25.7219, 28.9142, -23.8735

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.6218, 72.3198, -64.7046 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(171, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 197)  
}
```

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(171, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 35.6218, 72.3198, -64.7046 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(171, 0, 197) }
```


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

```
.border{ border-color:rgb(171, 0, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 0, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 0,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.6218, 72.3198, -64.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 197) }
```

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

```
.background{ background-color: rgb(171, 0,  
197) }
```

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