

Converting Colors

HunterLab(32.8603, 81.6511,
-64.6453)

Have a look what the booklet for
HunterLab(32.8603, 81.6511,
-64.6453) contains.

| | |
|--|----|
| HunterLab(35.5380, 71.0764, -56.2325) | 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(35.5380, 71.0764,
-56.2325)**

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | AE00BC |
| RGB | 174, 0, 188 |
| RGB Percent | 68%, 0%, 74% |
| CMY | 0.3176, 0.9999, 0.2627 |
| CMYK | 0.07, 1.00, 0.00, 0.26 |
| HSL | 296°, 100%, 37% |
| HSV | 296°, 100%, 74% |
| XYZ | 26.5326, 12.6295, 48.6162 |
| YIQ | 73.4580, 43.3560, 95.3560 |

Conversions

Conversions Part 2

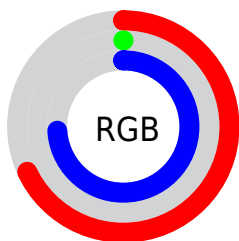
| Format | Color |
|-------------------------------------|--|
| RYB | 174, 0, 188 |
| Decimal | 11403452 |
| CIELab | 42.20, 75.91, -52.52 |
| CIELCh | 42, 92.310, 325.324 |
| Yxy | 12.6301, 0.3023, 0.1439 |
| Android (android.graphics.Color) | 4289593532 (0xFFAE00BC) |
| YUV | 73.4580, 56.4692, 88.1753 |
| Hunter-Lab | 35.5380, 71.0764, -56.2325 |

Details

The HunterLab color **35.5380, 71.0764, -56.2325** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **60.0500, -51.0926, 36.1076**, and the grayscale version is **25.7730, -1.3752, 1.4003**.

A 20% lighter version of the original color is **55.2918, 75.6758, -57.2376**, and **23.3114, 47.3050, -42.1716** is the 20% darker color. If you saturate the color by 10%, you get **35.5381, 71.0765, -56.2326**, and if you desaturate by 10%, it is **36.4018, 69.0686, -53.8522**.

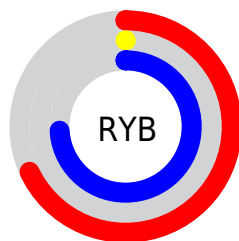
Distribution



Red (68%)

Green (0%)

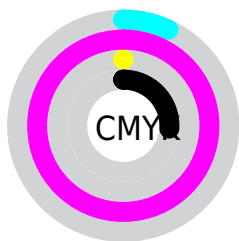
Blue (74%)



Red (68%)

Yellow (0%)

Blue (74%)

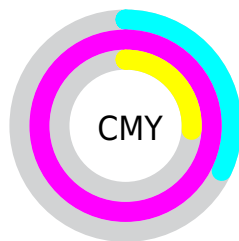


Cyan (7%)

Magenta (100%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (100%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 35.5380, 71.0764, -56.2325 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 35.5380, 71.0764, -56.2325 by changing the saturation by 10% instead.


 35.5380, 71.0764,
-56.2325


 35.5380, 71.0764,
-56.2325


 144.4067, 90.4259,
-62.2466


 26.7849, 68.8019,
-56.4052

 55.3512, 75.8561,
-57.1194


 18.8980, 66.9250,
-57.6119

 66.3009, 78.1945,
-57.8144

 11.9866, 66.2124,
-61.2589

 77.8903, 80.4561,
-58.5669

 4.9356, 92.5136,
-93.0985

 90.0859, 82.6305,
-59.3377

0.0000, INF, -NF

0.0000, NaN, -NF

 102.8589, 84.7138,
-60.1030

0.0000, NaN, -NF

 116.1843, 86.7062,

0.0000, NaN, NaN

-60.8484

0.0000, NaN, NaN

130.0401, 88.6093,
-61.5648

■ 35.5380, 71.0764,
-56.2325

■ 35.5380, 71.0764,
-56.2325

■ 35.5381, 71.0765,
-56.2326

■ 36.4018, 69.0686,
-53.8522

■ 37.8372, 65.1428,
-50.0967

■ 39.9858, 59.1172,
-44.8723

■ 42.8346, 51.4624,
-38.5590

■ 46.3284, 42.7497,
-31.5923

■ 50.3928, 33.4799,
-24.3392

■ 54.9505, 24.0143,
-17.0537

■ 59.9302, 14.5777,
-9.8850

■ 65.2704, 5.2912,
-2.9059

Harmonies

Analogous

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



35.5388, 31.2885, -116.0773



35.5380, 71.0764, -56.2325



35.5388, 91.7436, -3.6235

Triad

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



35.5388, 71.0749, -56.2306



35.5388, 3.6919, 24.8771



35.5388, -44.2694, -37.2033

Complementary

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



35.5380, 71.0764, -56.2325



60.0500, -51.0926, 36.1076

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.



35.5388, -46.8814, 6.7184



35.5380, 71.0764, -56.2325



35.5388, -26.1225, 24.8771

Square

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



35.5388, 71.0749, -56.2306



35.5388, 44.4506, 24.8771



35.5388, -41.7425, 22.3930



35.5388, -32.3917, -99.4632

Rectangle

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



35.5380, 71.0764, -56.2325



35.5388, 87.7714, 14.9294



35.5388, -41.7425, 22.3930



35.5388, -46.0051, -19.1969

Sweetspot

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



35.5388, 71.0749, -56.2306



73.6551, 32.9672, -23.4462



19.9805, 47.7421, -128.0324



32.9273, 17.7842, -12.7874



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



35.5388, 71.0749, -56.2306



47.7927, 95.6146, -75.8457



34.3663, 62.1058, -3.0264



31.0792, 2.2295, -1.1696



29.3480, 58.6823, -46.3301



5.9014, 11.7471, -8.9059

Inverse Universe

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



32.7468, 56.1739, 20.4086



44.0692, 75.5707, 27.6950



60.4331, -48.5424, 29.2539



30.8992, 1.1429, 2.3210



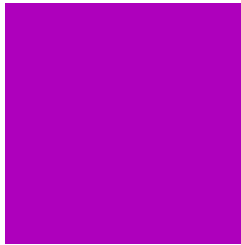
27.0282, 46.3828, 16.7195



5.3863, 9.3170, 2.7619

Previews

White Background



This preview shows how the HunterLab color 35.5380, 71.0764, -56.2325 looks on a white background.

Color Contrast Check

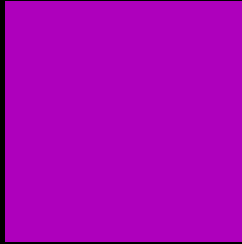
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5380, 71.0764, -56.2325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

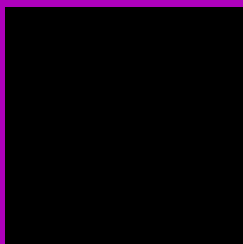
Any Text WCAG AA × Fail

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 35.5380, 71.0764, -56.2325 Background



This preview shows how black text looks on a background with the HunterLab color 35.5380, 71.0764, -56.2325.



This preview shows how white text looks on a background with the HunterLab color 35.5380, 71.0764, -56.2325.

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

35.5380, 71.0764, -56.2325

Protanopia

36.4547, 13.3380, -74.3581

Deuteranopia

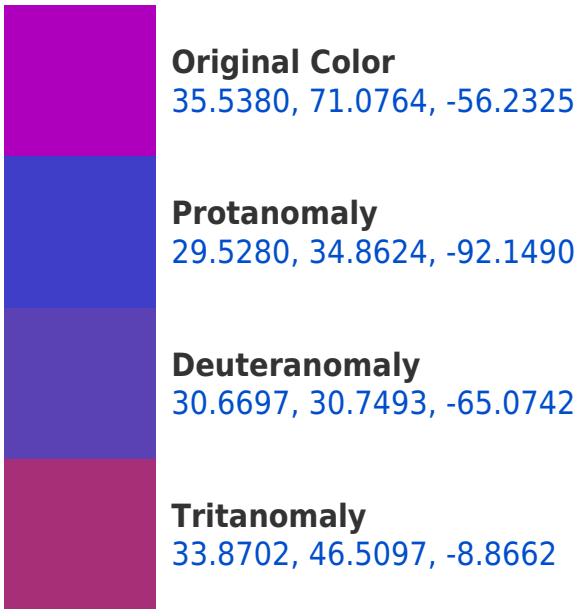
36.5610, 3.1048, -44.8704



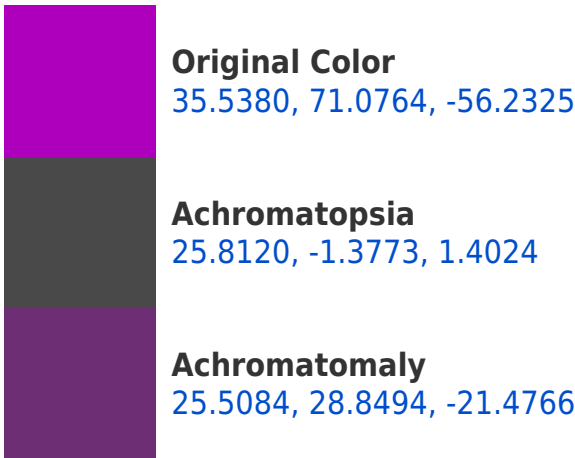
Tritanopia

36.1097, 28.5450, 10.6047

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5380, 71.0764, -56.2325 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(174, 0, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 0, 188)  
}
```

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(174, 0, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 0, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5380, 71.0764, -56.2325 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(174, 0, 188) }
```


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

```
.border{ border-color:rgb(174, 0, 188) }
```

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

Here you see how a box with a 4 pixel rgb(174, 0, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 0, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 0, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 0,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5380, 71.0764, -56.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 0, 188) }
```

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

```
.background{ background-color: rgb(174, 0,  
188) }
```

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