

Converting Colors

HunterLab(37.1997, 76.9307,
-80.7220)

Have a look what the booklet for
HunterLab(37.1997, 76.9307,
-80.7220) contains.

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Color

**HunterLab(37.1804, 76.8462,
-80.4266)**

Conversions

Conversions Part 1

Format	Color
Hex	AC02D9
RGB	172, 2, 217
RGB Percent	67%, 1%, 85%
CMY	0.3255, 0.9921, 0.1490
CMYK	0.21, 0.99, 0.00, 0.15
HSL	287°, 98%, 43%
HSV	287°, 99%, 85%
XYZ	29.5593, 13.8238, 66.7560
YIQ	77.3400, 32.3050, 102.9050

Conversions

Conversions Part 2

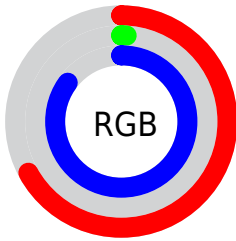
Format	Color
R_{YB}	172, 2, 217
Decimal	11272921
CIE _{Lab}	43.98, 80.23, -66.49
CIE _{LCh}	44, 104.198, 320.348
Yxy	13.8244, 0.2684, 0.1255
Android (android.graphics.Color)	4289463001 (0xFFAC02D9)
YUV	77.3400, 68.8524, 83.0168
Hunter-Lab	37.1804, 76.8462, -80.4266

Details

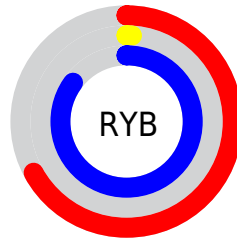
The HunterLab color $37.1804, 76.8462, -80.4266$ is a dark color, and the websafe version is hex $9900CC$. The color can be described as dark washed purple. A complement of this color would be $70.8766, -58.5622, 42.6003$, and the grayscale version is $27.1192, -1.4470, 1.4734$.

A 20% lighter version of the original color is $55.9958, 76.7544, -64.3255$, and $24.6656, 52.6727, -64.9293$ is the 20% darker color. If you saturate the color by 10%, you get $37.0582, 76.9816, -80.8450$, and if you desaturate by 10%, it is $38.6586, 74.8984, -75.5474$.

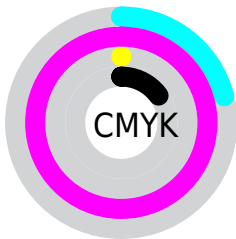
Distribution



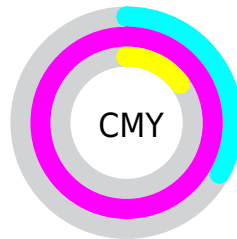
- Red (67%)
- Green (1%)
- Blue (85%)



- Red (67%)
- Yellow (1%)
- Blue (85%)



- Cyan (21%)
- Magenta (99%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (99%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1804, 76.8462, -80.4266 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 37.1804, 76.8462, -80.4266 by changing the saturation by 10% instead.

37.1804, 76.8462,
-80.4266

37.1804, 76.8462,
-80.4266

147.0154, 97.0083,
-85.6497

28.2818, 74.5355,
-81.7235

57.2512, 81.7582,
-80.2708

20.2338, 72.6467,
-84.8851

68.3175, 84.1806,
-80.7665

13.1389, 71.9242,
-92.1794

80.0171, 86.5336,
-81.4426

6.6378, 82.5032,
-120.3836

92.3174, 88.8042,
-82.2230

0.0000, INF, -NF

0.0000, NaN, -NF

105.1904, 90.9873,
-83.0600

0.0000, NaN, -NF

118.6117, 93.0814,

0.0000, NaN, NaN

-83.9227

132.5598, 95.0877,
-84.7905

■ 37.1804, 76.8462,
-80.4266

■ 37.1804, 76.8462,
-80.4266

■ 37.0582, 76.9816,
-80.8450

■ 38.6586, 74.8984,
-75.5474

■ 40.9296, 70.3500,
-68.6416

■ 44.0794, 63.3696,
-60.0275

■ 48.0544, 54.6756,
-50.4264

■ 52.7600, 44.9860,
-40.4728

■ 58.0919, 34.8448,
-30.5938

■ 63.9534, 24.5977,
-21.0206

■ 70.2619, 14.4348,
-11.8471

■ 76.9495, 4.4446,
-3.0868

Harmonies

Analogous

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



37.1811, 28.4254, -150.5081



37.1804, 76.8462, -80.4266



37.1811, 107.0388, -12.3122

Triad

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



37.1811, 76.8455, -80.4245



37.1811, 11.6860, 26.0268



37.1811, -49.8786, -33.0761

Complementary

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



37.1804, 76.8462, -80.4266



70.8766, -58.5622, 42.6003

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.



37.1811, -51.2587, 12.2496



37.1804, 76.8462, -80.4266



37.1811, -24.9638, 26.0268

Square

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



37.1811, 76.8455, -80.4245



37.1811, 60.2757, 26.0268



37.1811, -44.3721, 24.9860



37.1811, -39.2124, -108.3817

Rectangle

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



37.1804, 76.8462, -80.4266



37.1811, 106.7251, 12.8400



37.1811, -44.3721, 24.9860



37.1811, -51.2002, -13.5096

Sweetspot

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



37.1811, 76.8455, -80.4245



75.9005, 31.0044, -26.5910



26.8057, 43.8591, -127.9131



33.7103, 16.7659, -14.5501

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1811, 76.8455, -80.4245



44.4124, 92.3139, -97.3172



41.4713, 76.5450, -18.1272



36.2355, 2.2709, -1.6065



28.9137, 60.0039, -62.6200



7.5949, 15.5933, -15.1445

Inverse Universe

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



38.7308, 66.5680, 20.9127



46.3902, 80.0061, 25.6236



70.7085, -58.7776, 38.6072



36.1882, 1.6172, 2.1642



30.0983, 51.9734, 16.1220



7.7432, 13.5324, 2.8959

Previews

White Background



This preview shows how the HunterLab color 37.1804, 76.8462, -80.4266 looks on a white background.

Color Contrast Check

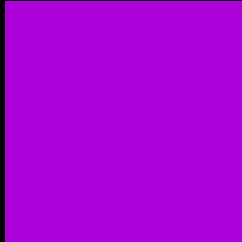
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1804, 76.8462, -80.4266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

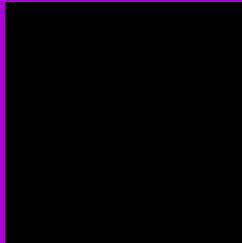
Any Text WCAG AA × Fail

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 37.1804, 76.8462, -80.4266 Background



This preview shows how black text looks on a background with the HunterLab color 37.1804, 76.8462, -80.4266.



This preview shows how white text looks on a background with the HunterLab color 37.1804, 76.8462, -80.4266.

-80.4266.

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

37.1804, 76.8462, -80.4266

Protanopia

37.9592, 13.5928, -76.7887

Deuteranopia

37.8893, 1.7204, -51.0722



Tritanopia

37.5797, 21.9341, 7.9250

Trichromacy



Original Color

37.1804, 76.8462, -80.4266



Protanomaly

31.4818, 37.8528, -102.2889



Deuteranomaly

30.7189, 30.4212, -84.8263



Tritanomaly

34.8075, 44.6229, -18.0841

Monochromacy



Original Color

37.1804, 76.8462, -80.4266



Achromatopsia

27.2422, -1.4536, 1.4801



Achromatomaly

26.9897, 30.2728, -27.7015

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1804, 76.8462, -80.4266 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(172, 2, 217)` looks like.

```
.text, #text, p{  
    color:rgb(172, 2, 217)  
}
```

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(172, 2, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 2, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1804, 76.8462, -80.4266 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(172, 2, 217) }
```


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

```
.border{ border-color:rgb(172, 2, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 2, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 2, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 2, 217);  
box-shadow:4px 4px 4px 4px rgb(172, 2,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1804, 76.8462, -80.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 2, 217) }
```

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

```
.background{ background-color: rgb(172, 2,  
217) }
```

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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