

Converting Colors

HunterLab(40.0268, 82.7499,
-84.2338)

Have a look what the booklet for
HunterLab(40.0268, 82.7499,
-84.2338) contains.

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Color

**HunterLab(40.0343, 82.8302,
-84.7514)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B900E6 |
| RGB | 185, 0, 230 |
| RGB Percent | 73%, 0%, 90% |
| CMY | 0.2745, 0.9999, 0.0980 |
| CMYK | 0.20, 1.00, 0.00, 0.10 |
| HSL | 288°, 100%, 45% |
| HSV | 288°, 100%, 90% |
| XYZ | 34.2905, 16.0275, 76.1492 |
| YIQ | 81.5350, 36.4300, 110.7500 |

Conversions

Conversions Part 2

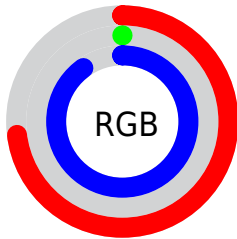
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 185, 0, 230 |
| Decimal | 12124390 |
| CIE _{Lab} | 47.01, 84.35, -68.89 |
| CIE _{LCh} | 47, 108.903, 320.761 |
| Yxy | 16.0281, 0.2711, 0.1267 |
| Android (android.graphics.Color) | 4290314470 (0xFFB900E6) |
| YUV | 81.5350, 73.1932, 90.7388 |
| Hunter-Lab | 40.0343, 82.8302, -84.7514 |

Details

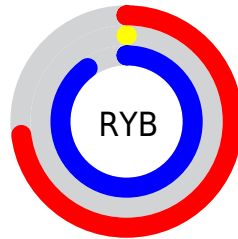
The HunterLab color $40.0343, 82.8302, -84.7514$ is a dark color, and the websafe version is hex $CC33FF$. The color can be described as middle washed purple. A complement of this color would be $75.5989, -62.9285, 45.4817$, and the grayscale version is $28.6158, -1.5269, 1.5548$.

A 20% lighter version of the original color is $58.5619, 79.7815, -58.3016$, and $27.1608, 57.6218, -68.5571$ is the 20% darker color. If you saturate the color by 10%, you get $40.0343, 82.8302, -84.7519$, and if you desaturate by 10%, it is $41.4846, 81.0153, -80.0138$.

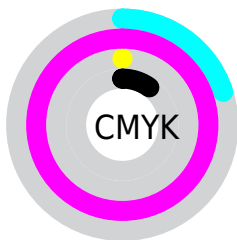
Distribution



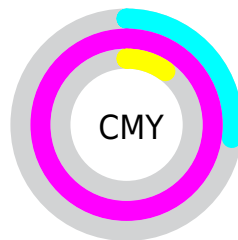
- Red (73%)
- Green (0%)
- Blue (90%)



- Red (73%)
- Yellow (0%)
- Blue (90%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (27%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0343, 82.8302, -84.7514 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 40.0343, 82.8302, -84.7514 by changing the saturation by 10% instead.

40.0343, 82.8302,
-84.7514

40.0343, 82.8302,
-84.7514

151.4950,
103.6687, -90.1139

30.8934, 80.4550,
-85.9403

60.5367, 87.8669,
-84.6535

22.5781, 78.4703,
-88.8071

71.7987, 90.3583,
-85.1577

15.1812, 77.5085,
-95.2062

83.6836, 92.7848,
-85.8408

8.8102, 79.8232,
-111.0254

96.1603, 95.1327,
-86.6294

0.0000, INF, -NF

0.0000, NaN, -NF

109.2020, 97.3959,
-87.4770

0.0000, NaN, -NF

122.7852, 99.5725,

0.0000, NaN, NaN

-88.3529

136.8890,
101.6629, -89.2366

■ 40.0343, 82.8302,
-84.7514

■ 40.0343, 82.8302,
-84.7514

■ 40.0343, 82.8302,
-84.7519

■ 41.4846, 81.0153,
-80.0138

■ 43.7469, 76.4915,
-73.1659

■ 46.9525, 69.2684,
-64.3901

■ 51.0557, 60.0818,
-54.4251

■ 55.9605, 49.7166,
-43.9643

■ 61.5562, 38.7903,
-33.4973

■ 67.7374, 27.7067,
-23.3026

■ 74.4128, 16.6934,
-13.5037

■ 81.5072, 5.8604,
-4.1300

Harmonies

Analogous

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



40.0351, 31.1346, -159.9033



40.0343, 82.8302, -84.7514



40.0351, 114.6330, -12.4159

Triad

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



40.0351, 82.8294, -84.7492



40.0351, 11.8425, 28.0246



40.0351, -53.4731, -36.3199

Complementary

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



40.0343, 82.8302, -84.7514



75.5989, -62.9285, 45.4817

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.



40.0351, -55.0771, 12.7575



40.0343, 82.8302, -84.7514



40.0351, -27.1786, 28.0246

Square

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



40.0351, 82.8294, -84.7492



40.0351, 63.7615, 28.0246



40.0351, -47.8017, 26.7648



40.0351, -41.8210, -116.8499

Rectangle

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



40.0343, 82.8302, -84.7514



40.0351, 113.8999, 14.1443



40.0351, -47.8017, 26.7648



40.0351, -54.9391, -15.2179

Sweetspot

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



40.0351, 82.8294, -84.7492



76.0204, 31.3661, -26.3941



27.6914, 49.9103, -142.3521



33.7755, 16.9564, -14.4379

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.0351, 82.8294, -84.7492



44.9605, 93.0543, -95.4268



44.0417, 81.2638, -16.8341



38.0333, 2.4528, -1.6885



30.2086, 62.4400, -63.4772



8.4314, 17.2737, -16.5265

Inverse Universe

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



41.2467, 71.0939, 23.0903



46.3566, 79.8819, 26.1193



75.5140, -62.7211, 41.0115



37.9656, 1.6946, 2.3331



31.0566, 53.5747, 17.0504



8.5187, 14.8451, 3.5147

Previews

White Background



This preview shows how the HunterLab color 40.0343, 82.8302, -84.7514 looks on a white background.

Color Contrast Check

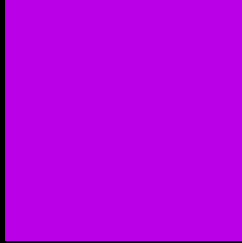
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0343, 82.8302, -84.7514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

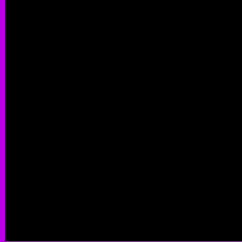
Any Text WCAG AA × Fail

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 40.0343, 82.8302, -84.7514 Background



This preview shows how black text looks on a background with the HunterLab color 40.0343, 82.8302, -84.7514.



This preview shows how white text looks on a background with the HunterLab color 40.0343, 82.8302, -84.7514.

-84.7514.

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

40.0343, 82.8302, -84.7514

Protanopia

40.8050, 14.9939, -83.3702

Deuteranopia

40.9329, 2.0912, -55.6769



Tritanopia

40.3514, 24.6688, 8.6791

Trichromacy



Original Color

40.0343, 82.8302, -84.7514



Protanomaly

33.4106, 41.5760, -111.5352



Deuteranomaly

32.9307, 32.6069, -91.2825



Tritanomaly

37.2221, 49.0314, -18.8755

Monochromacy



Original Color

40.0343, 82.8302, -84.7514



Achromatopsia

29.0476, -1.5499, 1.5782



Achromatomaly

28.5578, 33.0281, -30.1831

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0343, 82.8302, -84.7514 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(185, 0, 230)` looks like.

```
.text, #text, p{  
    color:rgb(185, 0, 230)  
}
```

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(185, 0, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 0, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0343, 82.8302, -84.7514 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(185, 0, 230) }
```


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

```
.border{ border-color:rgb(185, 0, 230) }
```

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

Here you see how a box with a 4 pixel rgb(185, 0, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 0, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 0, 230);  
box-shadow:4px 4px 4px 4px rgb(185, 0,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0343, 82.8302, -84.7514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 0, 230) }
```

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

```
.background{ background-color: rgb(185, 0,  
230) }
```

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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