

Converting Colors

HunterLab(40.2835, 85.3213,
-100.5933)

Have a look what the booklet for
HunterLab(40.2835, 85.3213,
-100.5933) contains.

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Color

**HunterLab(40.3681, 85.4623,
-100.5074)**

Conversions

Conversions Part 1

Format	Color
Hex	B400F5
RGB	180, 0, 245
RGB Percent	71%, 0%, 96%
CMY	0.2941, 1.0000, 0.0392
CMYK	0.27, 1.00, 0.00, 0.04
HSL	284°, 100%, 48%
HSV	284°, 100%, 96%
XYZ	35.3038, 16.2958, 87.6708
YIQ	81.7500, 28.6350, 114.3550

Conversions

Conversions Part 2

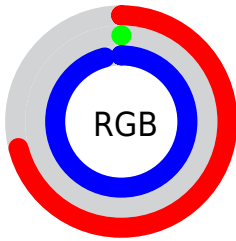
Format	Color
RYB	180, 0, 245
Decimal	11796725
CIELab	47.36, 86.31, -76.82
CIELCh	47, 115.547, 318.330
Yxy	16.2964, 0.2535, 0.1170
Android (android.graphics.Color)	4289986805 (0xFFB400F5)
YUV	81.7500, 80.4822, 86.1653
Hunter-Lab	40.3681, 85.4623, -100.5074

Details

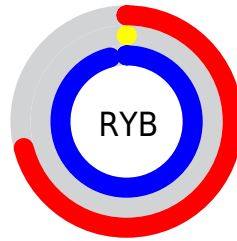
The HunterLab color $40.3681, 85.4623, -100.5074$ is a dark color, and the websafe version is hex $CC00FF$. The color can be described as middle saturated purple. A complement of this color would be $81.5040, -66.3453, 49.0607$, and the grayscale version is $28.6689, -1.5297, 1.5576$.

A 20% lighter version of the original color is $57.7953, 78.1966, -60.0724$, and $27.4040, 60.0222, -83.7796$ is the 20% darker color. If you saturate the color by 10%, you get $40.3683, 85.4625, -100.5072$, and if you desaturate by 10%, it is $42.1535, 83.7164, -94.0642$.

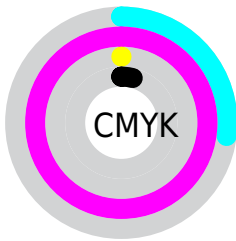
Distribution



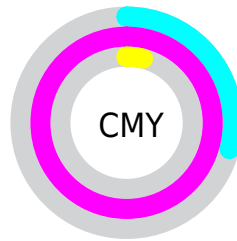
- Red (71%)
- Green (0%)
- Blue (96%)



- Red (71%)
- Yellow (0%)
- Blue (96%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3681, 85.4623, -100.5074 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 40.3681, 85.4623, -100.5074 by changing the saturation by 10% instead.

40.3681, 85.4623,
-100.5074

40.3681, 85.4623,
-100.5074

152.0146,
106.6693, -104.5167

31.1996, 83.0835,
-102.6101

60.9197, 90.5515,
-99.4568

22.8540, 81.1224,
-106.9797

72.2040, 93.0805,
-99.7232

15.4231, 80.2341,
-116.0549

84.1101, 95.5489,
-100.2612

9.0272, 82.5296,
-137.2135

96.6070, 97.9415,
-100.9708

0.0000, INF, -NF

0.0000, NaN, -NF

109.6680,
100.2513, -101.7876

0.0000, NaN, -NF

123.2697,

0.0000, NaN, -NF

102.4757, -102.6688

137.3914,
104.6146, -103.5853

■ 40.3681, 85.4623,
-100.5074

■ 40.3681, 85.4623,
-100.5074

■ 40.3683, 85.4625,
-100.5072

■ 42.1535, 83.7164,
-94.0642

■ 44.8639, 78.9377,
-85.1372

■ 48.6166, 71.2731,
-74.1468

■ 53.3401, 61.6096,
-62.0759

■ 58.9141, 50.8164,
-49.7454

■ 65.2097, 39.5307,
-37.6703

■ 72.1105, 28.1428,
-26.1009

■ 79.5188, 16.8586,
-15.1162

■ 87.3559, 5.7683,
-4.7027

Harmonies

Analogous

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



40.3688, 28.9803, -181.4942



40.3681, 85.4623, -100.5074



40.3688, 123.1216, -18.3644

Triad

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



40.3688, 85.4621, -100.5052



40.3688, 16.9761, 28.2582



40.3688, -55.9710, -33.4176

Complementary

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



40.3681, 85.4623, -100.5074



81.5040, -66.3453, 49.0607

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.



40.3688, -56.8870, 15.6012



40.3681, 85.4623, -100.5074



40.3688, -26.0179, 28.2582

Square

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



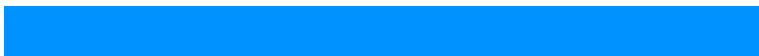
40.3688, 85.4621, -100.5052



40.3688, 73.4197, 28.2582



40.3688, -48.7312, 27.7616



40.3688, -45.2185, -121.2305

Rectangle

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



40.3681, 85.4623, -100.5074



40.3688, 124.8874, 12.4351



40.3688, -48.7312, 27.7616



40.3688, -57.1867, -11.7114

Sweetspot

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



40.3688, 85.4621, -100.5052



75.4135, 29.5314, -27.3940



32.2681, 45.2679, -138.0519



33.4463, 15.9903, -15.0075

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3688, 85.4621, -100.5052



42.2240, 89.4087, -105.2625



47.9963, 89.7440, -27.5109



40.6623, 2.4126, -1.9389



29.7489, 62.8840, -73.3190



9.0977, 19.0111, -20.7174

Inverse Universe

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



44.4909, 77.0490, 22.0983



46.5544, 80.6132, 23.2036



80.9952, -68.1435, 45.8657



40.6875, 1.9721, 2.1648



32.6847, 56.6621, 15.7833



9.7737, 17.1072, 3.4518

Previews

White Background



This preview shows how the HunterLab color 40.3681, 85.4623, -100.5074 looks on a white background.

Color Contrast Check

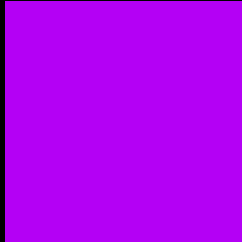
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3681, 85.4623, -100.5074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

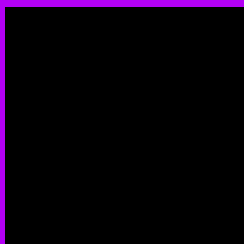
Any Text WCAG AA × Fail

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 40.3681, 85.4623, -100.5074 Background



This preview shows how black text looks on a background with the HunterLab color 40.3681, 85.4623, -100.5074.



This preview shows how white text looks on a background with the HunterLab color 40.3681, 85.4623, -100.5074.

-100.5074.

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

40.3681, 85.4623, -100.5074

Protanopia

41.1356, 14.7977, -83.3598

Deuteranopia

41.1578, 1.2856, -54.2189



Tritanopia

40.6363, 19.0919, 6.6518

Trichromacy



Original Color

40.3681, 85.4623, -100.5074



Protanomaly

34.0004, 42.9280, -116.6804



Deuteranomaly

33.2131, 34.0644, -96.1243



Tritanomaly

37.0181, 46.6164, -26.0413

Monochromacy



Original Color

40.3681, 85.4623, -100.5074



Achromatopsia

29.0476, -1.5499, 1.5782



Achromatomaly

28.6891, 33.8326, -33.8076

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3681, 85.4623, -100.5074 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(180, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(180, 0, 245)  
}
```

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(180, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 0, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3681, 85.4623, -100.5074 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(180, 0, 245) }
```


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

```
.border{ border-color:rgb(180, 0, 245) }
```

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

Here you see how a box with a 4 pixel rgb(180, 0, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(180, 0,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3681, 85.4623, -100.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 0, 245) }
```

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

```
.background{ background-color: rgb(180, 0,  
245) }
```

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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