

Converting Colors

HunterLab(51.8518, 102.7216,
-74.4303)

Have a look what the booklet for
HunterLab(51.8518, 102.7216,
-74.4303) contains.

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Color

**HunterLab(51.7811,
102.6196, -74.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	F600FF
RGB	246, 0, 255
RGB Percent	96%, 0%, 100%
CMY	0.0353, 0.9998, 0.0000
CMYK	0.04, 1.00, 0.00, 0.00
HSL	298°, 100%, 50%
HSV	298°, 100%, 100%
XYZ	56.0560, 26.8128, 96.8286
YIQ	102.6240, 64.7610, 131.4570

Conversions

Conversions Part 2

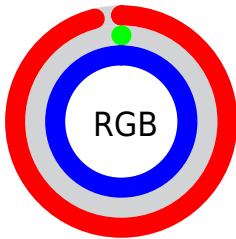
Format	Color
R_{YB}	246, 0, 255
Decimal	16122111
CIE _{Lab}	58.80, 96.89, -63.36
CIE _{LCh}	59, 115.766, 326.817
Yxy	26.8140, 0.3119, 0.1492
Android (android.graphics.Color)	4294312191 (0xFFFF600FF)
YUV	102.6240, 75.1214, 125.7408
Hunter-Lab	51.7811, 102.6196, -74.6232

Details

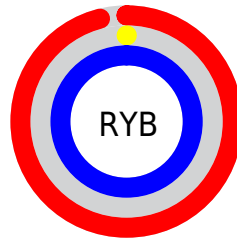
The HunterLab color **51.7811, 102.6196, -74.6232** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.6040, -72.3704, 50.8648**, and the grayscale version is **36.4036, -1.9424, 1.9779**.

A 20% lighter version of the original color is **61.9521, 76.6768, -51.0255**, and **37.7115, 75.2714, -58.4934** is the 20% darker color. If you saturate the color by 10%, you get **51.7812, 102.6197, -74.6230**, and if you desaturate by 10%, it is **52.6259, 100.3334, -72.4037**.

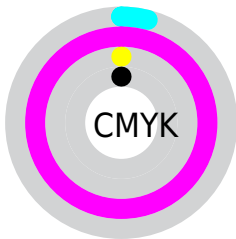
Distribution



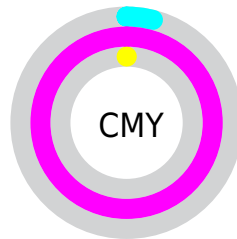
- Red (96%)
- Green (0%)
- Blue (100%)



- Red (96%)
- Yellow (0%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7811, 102.6196, -74.6232 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 51.7811, 102.6196, -74.6232 by changing the saturation by 10% instead.

51.7811, 102.6196,
-74.6232

51.7811, 102.6196,
-74.6232

169.3386,
125.2750, -81.4333

41.7536, 100.0119,
-74.5074

73.8819, 108.0260,
-75.7241

32.4717, 97.6620,
-75.0047

85.8749, 110.7029,
-76.4839

24.0025, 95.9064,
-76.6521

98.4546, 113.3223,
-77.3017

16.4329, 95.5474,
-80.6896

111.5949,
115.8712, -78.1448

9.8864, 98.8941,
-90.6306

125.2727,
118.3428, -78.9915

0.0000, INF, -NF

0.0000, NaN, -NF

139.4678,

120.7342, -79.8277

154.1619,
123.0448, -80.6438

■ 51.7811, 102.6196,
-74.6232

■ 51.7811, 102.6196,
-74.6232

■ 51.7812, 102.6197,
-74.6230

■ 52.6259, 100.3334,
-72.4037

■ 54.3244, 95.1047,
-68.1162

■ 57.0513, 86.7360,
-61.6469

■ 60.8120, 75.8214,
-53.4404

■ 65.5403, 63.1871,
-44.0936

71.1332, 49.6079,
-34.1558

77.4776, 35.6675,
-24.0332

84.4660, 21.7405,
-13.9807

92.0042, 8.0343,
-4.1346

Harmonies

Analogous

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



51.7823, 47.2152, -159.0644



51.7811, 102.6196, -74.6232



51.7823, 129.6401, -2.4331

Triad

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



51.7823, 102.6170, -74.6202



51.7823, 2.5942, 36.2476



51.7823, -63.0482, -56.4592

Complementary

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



51.7811, 102.6196, -74.6232



84.6040, -72.3704, 50.8648

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.



51.7823, -67.4261, 7.5721



51.7811, 102.6196, -74.6232



51.7823, -38.9159, 36.2476

Square

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



51.7823, 102.6170, -74.6202



51.7823, 59.8723, 35.8878



51.7823, -60.5497, 31.8467



51.7823, -45.0476, -143.2942

Rectangle

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



51.7811, 102.6196, -74.6232



51.7823, 122.5189, 22.6847



51.7823, -60.5497, 31.8467



51.7823, -65.7834, -30.5746

Sweetspot

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



51.7823, 102.6170, -74.6202



77.4672, 35.6893, -24.0489



27.3911, 70.6160, -186.6710



34.5634, 19.2379, -13.1021

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.7823, 102.6170, -74.6202



51.7812, 102.6197, -74.6230



48.1271, 86.3652, 0.4743



42.7385, 3.4162, -1.6972



37.4498, 74.2073, -53.8887



11.7276, 23.2160, -16.7010

Inverse Universe

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



46.1310, 79.0388, 29.4758



46.1299, 79.0417, 29.4767



85.2953, -67.9811, 40.1417



42.4234, 1.6443, 3.4173



33.3521, 57.1608, 21.2075



10.4238, 17.8984, 6.3690

Previews

White Background



This preview shows how the HunterLab color 51.7811, 102.6196, -74.6232 looks on a white background.

Color Contrast Check

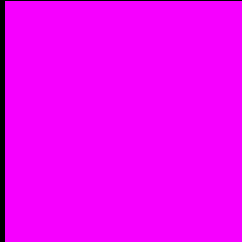
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.7811, 102.6196, -74.6232 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.7811, 102.6196, -74.6232 Background



This preview shows how black text looks on a background with the HunterLab color 51.7811, 102.6196, -74.6232.



This preview shows how white text looks on a background with the HunterLab color 51.7811, 102.6196, -74.6232.

102.6196, -74.6232.

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

51.7811, 102.6196, -74.6232

Protanopia

52.5072, 13.2898, -74.2417

Deuteranopia

52.6247, 4.6634, -60.3706



Tritanopia

51.8014, 45.5416, 16.7963

Trichromacy



Original Color

51.7811, 102.6196, -74.6232

Protanomaly

44.7650, 52.7196, -96.7983

Deuteranomaly

44.2326, 46.1801, -87.7289

Tritanomaly

48.8898, 69.7130, -9.5448

Monochromacy



Original Color

51.7811, 102.6196, -74.6232

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.5152, 41.8697, -29.2897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7811, 102.6196, -74.6232 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(246, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 255)  
}
```

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(246, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7811, 102.6196, -74.6232 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(246, 0, 255) }
```


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

```
.border{ border-color:rgb(246, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7811, 102.6196, -74.6232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 255) }
```

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

```
.background{ background-color: rgb(246, 0,  
255) }
```

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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