

Converting Colors

HunterLab(50.7254, 101.0670,
-77.2838)

Have a look what the booklet for
HunterLab(50.7254, 101.0670,
-77.2838) contains.

| | |
|---|----|
| HunterLab(50.7398, 101.1225, -77.5142) | 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(50.7398,
101.1225, -77.5142)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F000FF |
| RGB | 240, 0, 255 |
| RGB Percent | 94%, 0%, 100% |
| CMY | 0.0588, 0.9999, 0.0000 |
| CMYK | 0.06, 1.00, 0.00, 0.00 |
| HSL | 296°, 100%, 50% |
| HSV | 296°, 100%, 100% |
| XYZ | 53.9852, 25.7453, 96.7317 |
| YIQ | 100.8300, 61.1850, 130.1850 |

Conversions

Conversions Part 2

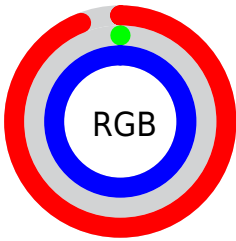
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 240, 0, 255 |
| Decimal | 15728895 |
| CIE _{Lab} | 57.80, 96.00, -65.03 |
| CIE _{LCh} | 58, 115.950, 325.885 |
| Y _{xy} | 25.7464, 0.3059, 0.1459 |
| Android (android.graphics.Color) | 4293918975 (0xFFFF00FF) |
| Y _{UV} | 100.8300, 76.0058, 122.0521 |
| Hunter-Lab | 50.7398, 101.1225, -77.5142 |

Details

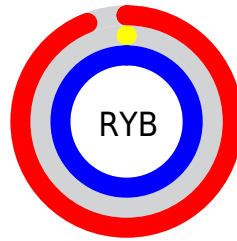
The HunterLab color **50.7398, 101.1225, -77.5142** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.6297, -72.2604, 50.8827**, and the grayscale version is **35.7254, -1.9062, 1.9410**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **36.8984, 74.1145, -60.8447** is the 20% darker color. If you saturate the color by 10%, you get **50.7398, 101.1224, -77.5143**, and if you desaturate by 10%, it is **51.6988, 98.9296, -74.9110**.

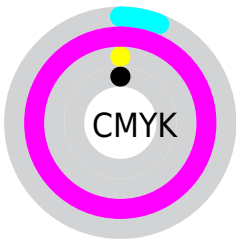
Distribution



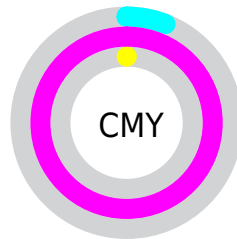
- Red (94%)
- Green (0%)
- Blue (100%)



- Red (94%)
- Yellow (0%)
- Blue (100%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7398, 101.1225, -77.5142 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 50.7398, 101.1225, -77.5142 by changing the saturation by 10% instead.

50.7398, 101.1225,
-77.5142

50.7398, 101.1225,
-77.5142

167.7900,
123.6619, -84.2510

40.7848, 98.5330,
-77.5327

72.7087, 106.5032,
-78.4917

31.5815, 96.2120,
-78.2602

84.6411, 109.1681,
-79.2294

23.1984, 94.5145,
-80.3217

97.1630, 111.7754,
-80.0404

15.7254, 94.2997,
-85.1825

110.2480,
114.3118, -80.8873

9.2899, 98.1241,
-97.1239

123.8727,
116.7706, -81.7457

0.0000, INF, -NF

0.0000, NaN, -NF

138.0165,

119.1487, -82.5991

152.6612,
121.4456, -83.4367

■ 50.7398, 101.1225,
-77.5142

■ 50.7398, 101.1225,
-77.5142

■ 50.7398, 101.1224,
-77.5143

■ 51.6988, 98.9296,
-74.9110

■ 53.5218, 93.7630,
-70.1825

■ 56.3791, 85.4565,
-63.2557

■ 60.2686, 74.6385,
-54.6277

■ 65.1177, 62.1488,
-44.9277

70.8197, 48.7559,
-34.7129

77.2602, 35.0272,
-24.3821

84.3319, 21.3207,
-14.1764

91.9416, 7.8313,
-4.2182

Harmonies

Analogous

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



50.7409, 45.2766, -161.9193



50.7398, 101.1225, -77.5142



50.7409, 129.4675, -4.0938

Triad

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



50.7409, 101.1201, -77.5112



50.7409, 4.2237, 35.5186



50.7409, -62.6670, -53.9519

Complementary

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



50.7398, 101.1225, -77.5142



84.6297, -72.2604, 50.8827

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.



50.7409, -66.6067, 8.7772



50.7398, 101.1225, -77.5142



50.7409, -37.6158, 35.5186

Square

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



50.7409, 101.1201, -77.5112



50.7409, 61.6205, 35.2204



50.7409, -59.4956, 31.6911



50.7409, -45.4512, -141.3910

Rectangle

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



50.7398, 101.1225, -77.5142



50.7409, 123.2935, 21.6681



50.7409, -59.4956, 31.6911



50.7409, -65.2211, -28.3722

Sweetspot

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



50.7409, 101.1201, -77.5112



77.2506, 35.0466, -24.3966



27.6083, 69.6892, -184.9422



34.4452, 18.8984, -13.3001

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.7409, 101.1201, -77.5112



50.7398, 101.1224, -77.5143



48.2599, 86.8475, -1.4126



42.7115, 3.3260, -1.7331



36.7095, 73.1428, -55.9417



11.5238, 22.9223, -17.2621

Inverse Universe

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



46.1469, 79.0986, 29.2380



46.1460, 79.1011, 29.2390



85.2393, -68.3293, 40.9633



42.4316, 1.6883, 3.3005



33.3670, 57.2161, 20.9861



10.4396, 17.9568, 6.1356

Previews

White Background



This preview shows how the HunterLab color 50.7398, 101.1225, -77.5142 looks on a white background.

Color Contrast Check

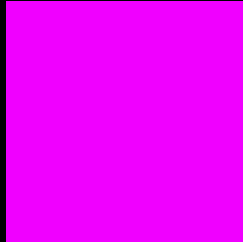
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7398, 101.1225, -77.5142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

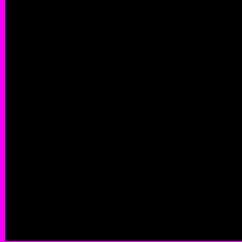
Any Text WCAG AA ✓ Pass

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 50.7398, 101.1225, -77.5142 Background



This preview shows how black text looks on a background with the HunterLab color 50.7398, 101.1225, -77.5142.



This preview shows how white text looks on a background with the HunterLab color 50.7398, 101.1225, -77.5142.

101.1225, -77.5142.

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

50.7398, 101.1225, -77.5142

Protanopia

51.4276, 14.1148, -77.1350

Deuteranopia

51.4111, 5.0506, -63.3043



Tritanopia

50.8565, 43.1213, 15.8759

Trichromacy



Original Color

50.7398, 101.1225, -77.5142

Protanomaly

43.9940, 51.9322, -99.4831

Deuteranomaly

43.0048, 45.2768, -91.8073

Tritanomaly

47.8519, 67.6314, -11.1078

Monochromacy



Original Color

50.7398, 101.1225, -77.5142

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.7442, 41.6589, -30.1558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7398, 101.1225, -77.5142 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(240, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7398, 101.1225, -77.5142 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(240, 0, 255) }
```


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

```
.border{ border-color:rgb(240, 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(240, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7398, 101.1225, -77.5142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 255) }
```

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

```
.background{ background-color: rgb(240, 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](#).

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