

Converting Colors

HunterLab(41.0012, 66.9794,
-77.4272)

Have a look what the booklet for
HunterLab(41.0012, 66.9794,
-77.4272) contains.

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Color

**HunterLab(40.9722, 67.0183,
-77.6992)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB36E2 |
| RGB | 171, 54, 226 |
| RGB Percent | 67%, 21%, 89% |
| CMY | 0.3294, 0.7882, 0.1137 |
| CMYK | 0.24, 0.76, 0.00, 0.11 |
| HSL | 281°, 75%, 55% |
| HSV | 281°, 76%, 89% |
| XYZ | 31.8412, 16.7872, 73.5134 |
| YIQ | 108.5910, 14.5200, 78.2960 |

Conversions

Conversions Part 2

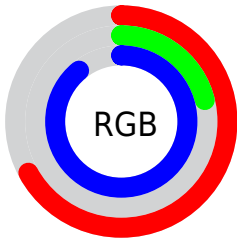
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 54, 226 |
| Decimal | 11220706 |
| CIE _{Lab} | 47.99, 71.44, -65.12 |
| CIE _{LCh} | 48, 96.666, 317.646 |
| Yxy | 16.7878, 0.2607, 0.1374 |
| Android (android.graphics.Color) | 4289410786 (0xFFAB36E2) |
| YUV | 108.5910, 57.8826, 54.7327 |
| Hunter-Lab | 40.9722, 67.0183, -77.6992 |

Details

The HunterLab color $40.9722, 67.0183, -77.6992$ is a light color, and the websafe version is hex $9900CC$. The color can be described as light washed purple. A complement of this color would be $76.0989, -53.0250, 43.2441$, and the grayscale version is $38.7333, -2.0667, 2.1045$.

A 20% lighter version of the original color is $60.0160, 64.2346, -55.3572$, and $25.3239, 54.8282, -72.4746$ is the 20% darker color. If you saturate the color by 10%, you get $37.8957, 72.5972, -87.9504$, and if you desaturate by 10%, it is $44.9839, 59.2345, -66.0785$.

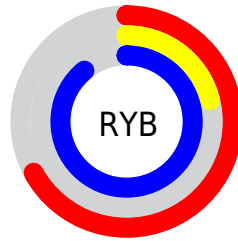
Distribution



Red (67%)

Green (21%)

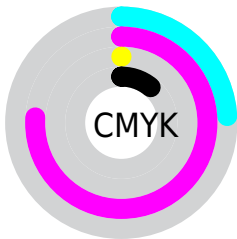
Blue (89%)



Red (67%)

Yellow (21%)

Blue (89%)

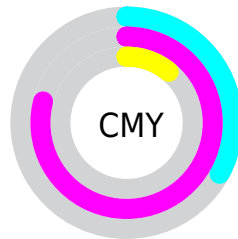


Cyan (24%)

Magenta (76%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (79%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9722, 67.0183, -77.6992 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 40.9722, 67.0183, -77.6992 by changing the saturation by 10% instead.

40.9722, 67.0183,
-77.6992

40.9722, 67.0183,
-77.6992

152.9532, 84.9561,
-83.6151

31.7543, 64.7019,
-78.4148

61.6122, 71.5997,
-78.0590

23.3543, 62.5239,
-80.4545

72.9368, 73.7824,
-78.6657

15.8625, 60.8290,
-85.2609

84.8810, 75.8741,
-79.4044

9.4060, 60.6738,
-97.0187

97.4142, 77.8718,
-80.2162

0.0000, INF, -NF

0.0000, NaN, -NF

110.5100, 79.7761,
-81.0638

0.0000, NaN, -NF

124.1450, 81.5894,

0.0000, NaN, NaN

-81.9227

138.2989, 83.3148,
-82.7768

■ 40.9722, 67.0183,
-77.6992

■ 40.9722, 67.0183,
-77.6992

■ 37.8957, 72.5972,
-87.9504

■ 44.9839, 59.2345,
-66.0785

■ 35.7840, 75.2531,
-95.8483

■ 49.8240, 50.1164,
-54.0431

■ 35.1212, 75.7801,
-98.4972

■ 55.3692, 40.3554,
-42.2219

■ 61.5034, 30.3927,
-30.9321

■ 68.1282, 20.4688,
-20.2788

■ 75.1645, 10.6944,
-10.2526

■ 82.5496, 1.1070,
-0.7922

■ 90.2345, -8.2935,
8.1799

■ 97.3915, -16.3079,
15.9239

Harmonies

Analogous

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



40.9730, 22.4037, -134.7354



40.9722, 67.0183, -77.6992



40.9730, 96.4360, -15.6072

Triad

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



40.9730, 67.0178, -77.6972



40.9730, 14.6502, 28.6811



40.9730, -51.1649, -24.9383

Complementary

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



40.9722, 67.0183, -77.6992



76.0989, -53.0250, 43.2441

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.



40.9730, -51.9300, 14.4910



40.9722, 67.0183, -77.6992



40.9730, -22.0731, 28.6811

Square

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



40.9730, 67.0178, -77.6972



40.9730, 59.5911, 27.5371



40.9730, -43.4183, 26.8617



40.9730, -40.7165, -89.5945

Rectangle

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



40.9722, 67.0183, -77.6992



40.9730, 98.3215, 10.4443



40.9730, -43.4183, 26.8617



40.9730, -52.3775, -8.1405

Sweetspot

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



40.9730, 67.0178, -77.6972



80.4568, 20.1428, -19.7883



42.0923, 15.2661, -75.1449



35.8941, 11.2178, -11.1348

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.9730, 67.0178, -77.6972



41.9886, 85.3627, -106.2234



47.8058, 76.1481, -34.9712



37.0195, 1.9810, -1.7988



26.6523, 57.3961, -73.8874



7.3469, 15.5372, -18.1622

Inverse Universe

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



44.6224, 63.6944, 9.3872



47.6830, 80.1823, 16.6779



74.6972, -58.3937, 38.5631



37.1112, 1.8498, 1.7341



30.8421, 53.7521, 12.6888



8.2176, 14.5098, 1.9226

Previews

White Background



This preview shows how the HunterLab color 40.9722, 67.0183, -77.6992 looks on a white background.

Color Contrast Check

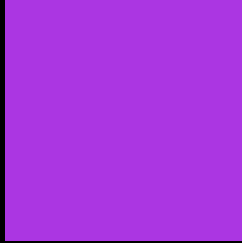
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9722, 67.0183, -77.6992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

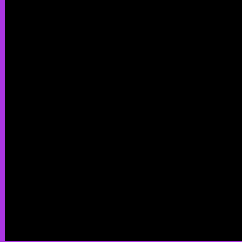
Any Text WCAG AA × Fail

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 40.9722, 67.0183, -77.6992 Background



This preview shows how black text looks on a background with the HunterLab color 40.9722, 67.0183, -77.6992.



This preview shows how white text looks on a background with the HunterLab color 40.9722, 67.0183, -77.6992.

-77.6992.

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

40.9722, 67.0183, -77.6992

Protanopia

41.2735, 15.4952, -85.0381

Deuteranopia

41.3888, 2.5284, -57.1906



Tritanopia

40.8174, 16.3146, 5.2320

Trichromacy



Original Color

40.9722, 67.0183, -77.6992



Protanomaly

37.4828, 29.2948, -94.8078



Deuteranomaly

37.1936, 21.2949, -77.0580



Tritanomaly

39.6982, 33.4800, -18.0463

Monochromacy



Original Color

40.9722, 67.0183, -77.6992



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

37.8382, 22.2618, -22.8416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9722, 67.0183, -77.6992 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(171, 54, 226)` looks like.

```
.text, #text, p{  
    color:rgb(171, 54, 226)  
}
```

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(171, 54, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 54, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9722, 67.0183, -77.6992 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(171, 54, 226) }
```


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

```
.border{ border-color:rgb(171, 54, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 54, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 54, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 54, 226);  
box-shadow:4px 4px 4px 4px rgb(171, 54,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9722, 67.0183, -77.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 54, 226) }
```

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

```
.background{ background-color: rgb(171, 54,  
226) }
```

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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