

Converting Colors

HunterLab(37.6700, 48.7276,
-93.1868)

Have a look what the booklet for
HunterLab(37.6700, 48.7276,
-93.1868) contains.

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Color

**HunterLab(37.6998, 48.9948,
-93.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	7847E6
RGB	120, 71, 230
RGB Percent	47%, 28%, 90%
CMY	0.5294, 0.7216, 0.0980
CMYK	0.48, 0.69, 0.00, 0.10
HSL	258°, 76%, 59%
HSV	258°, 69%, 90%
XYZ	24.2819, 14.2127, 76.3265
YIQ	103.7770, -21.8350, 59.8370

Conversions

Conversions Part 2

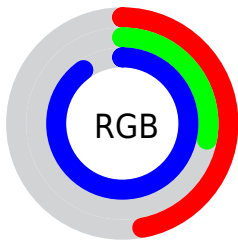
Format	Color
RYB	120, 71, 230
Decimal	7882726
CIELab	44.54, 56.33, -73.29
CIELCh	45, 92.437, 307.545
Yxy	14.2132, 0.2115, 0.1238
Android (android.graphics.Color)	4286072806 (0xFF7847E6)
YUV	103.7770, 62.2279, 14.2276
Hunter-Lab	37.6998, 48.9948, -93.6479

Details

The HunterLab color $[37.6998, 48.9948, -93.6479]$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as middle muted purple. A complement of this color would be $[81.7754, -37.2639, 45.4151]$, and the grayscale version is $[36.9009, -1.9689, 2.0049]$.

A 20% lighter version of the original color is $[55.7577, 43.1405, -65.4883]$, and $[20.6368, 44.9682, -100.0818]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.8265, 57.0699, -113.9886]$, and if you desaturate by 10%, it is $[43.5269, 40.3984, -74.4464]$.

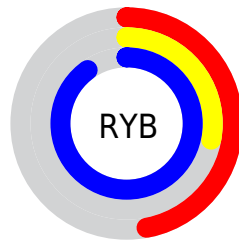
Distribution



Red (47%)

Green (28%)

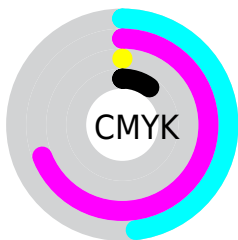
Blue (90%)



Red (47%)

Yellow (28%)

Blue (90%)

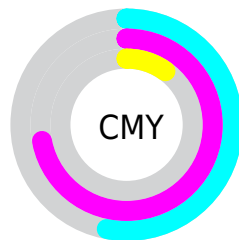


Cyan (48%)

Magenta (69%)

Yellow (0%)

Black (10%)



Cyan (53%)

Magenta (72%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6998, 48.9948, -93.6479 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 37.6998, 48.9948, -93.6479 by changing the saturation by 10% instead.

37.6998, 48.9948,
-93.6479

37.6998, 48.9948,
-93.6479

147.8353, 63.2608,
-97.7814

28.7560, 46.9429,
-95.7300

57.8505, 52.8612,
-92.6916

20.6582, 44.8960,
-100.2040

68.9529, 54.6395,
-92.9928

13.5069, 43.0859,
-109.8890

80.6868, 56.3128,
-93.5537

7.0872, 45.8028,
-141.2778

93.0197, 57.8849,
-94.2748

0.0000, INF, -NF

0.0000, NaN, -NF

105.9239, 59.3606,
-95.0932

0.0000, NaN, -NF

119.3751, 60.7451,

0.0000, NaN, -NF

-95.9675

0.0000, NaN, NaN

133.3520, 62.0435,
-96.8700

■ 37.6998, 48.9948,
-93.6479

■ 37.6998, 48.9948,
-93.6479

■ 32.8265, 57.0699,
-113.9886

■ 43.5269, 40.3984,
-74.4464

■ 29.1412, 63.3781,
-133.2489

■ 50.0946, 31.9211,
-57.1784

■ 26.7297, 66.7313,
-148.4176

■ 57.2414, 23.7958,
-41.8542

■ 26.5491, 66.9849,
-149.6542

■ 64.8498, 16.0565,
-28.2038

■ 72.8357, 8.6618,
-15.9079

■ 81.1377, 1.5503,
-4.6813

■ 89.7105, -5.3379,
5.7083

■ 98.5196, -12.0538,
15.4429

■ 99.2437, -9.4947,
16.2626

Harmonies

Analogous

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



37.7003, 7.3337, -134.8034



37.6998, 48.9948, -93.6479



37.7003, 83.6206, -31.9436

Triad

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



37.7003, 48.9959, -93.6464



37.7003, 27.6219, 26.3902



37.7003, -48.5059, -7.4643

Complementary

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



37.6998, 48.9948, -93.6479



81.7754, -37.2639, 45.4151

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.



37.7003, -46.5128, 19.3380



37.6998, 48.9948, -93.6479



37.7003, -10.5305, 26.3902

Square

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



37.7003, 48.9959, -93.6464



37.7003, 68.4385, 24.0165



37.7003, -35.1383, 26.0057



37.7003, -42.1891, -62.4454

Rectangle

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



37.6998, 48.9948, -93.6479



37.7003, 92.7723, -0.8240



37.7003, -35.1383, 26.0057



37.7003, -48.7265, 4.7182

Sweetspot

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



37.7003, 48.9959, -93.6464



80.0636, 11.3628, -20.5267



63.7432, -17.2613, -30.6572



35.8795, 6.3173, -11.2432

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.7003, 48.9959, -93.6464



34.9257, 67.5813, -137.9022



47.1728, 68.3437, -63.8292



37.5519, 0.8251, -2.3362



20.1174, 50.5292, -111.6305



5.8882, 14.1429, -27.6606

Inverse Universe

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



49.6645, 68.4486, -20.3846



51.6923, 86.9796, -22.3479



77.4084, -54.7451, 42.1743



38.1256, 2.5538, 0.0542



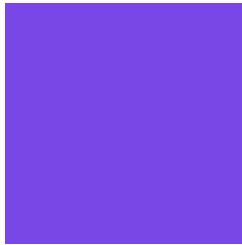
33.1157, 61.0666, -12.3610



9.0931, 16.9251, -4.6121

Previews

White Background



This preview shows how the HunterLab color 37.6998, 48.9948, -93.6479 looks on a white background.

Color Contrast Check

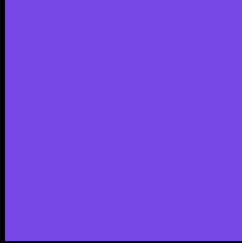
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6998, 48.9948, -93.6479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

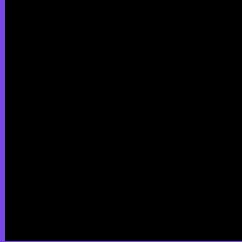
Any Text WCAG AA × Fail

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 37.6998, 48.9948, -93.6479 Background



This preview shows how black text looks on a background with the HunterLab color 37.6998, 48.9948, -93.6479.



This preview shows how white text looks on a background with the HunterLab color 37.6998, 48.9948, -93.6479.

-93.6479.

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

37.6998, 48.9948, -93.6479

Protanopia

37.6330, 13.7864, -76.7988

Deuteranopia

37.7199, 0.8073, -48.8893



Tritanopia

37.5943, -5.5217, -3.4732

Trichromacy



Original Color

37.6998, 48.9948, -93.6479

Protanomaly

36.0765, 24.0129, -88.6280

Deuteranomaly

35.9680, 14.8399, -68.6654

Tritanomaly

36.5546, 11.8119, -29.7352

Monochromacy



Original Color

37.6998, 48.9948, -93.6479

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.2923, 14.0152, -24.5300

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6998, 48.9948, -93.6479 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(120, 71, 230)` looks like.

```
.text, #text, p{  
    color:rgb(120, 71, 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(120, 71, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 71, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6998, 48.9948, -93.6479 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(120, 71, 230) }
```


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

```
.border{ border-color:rgb(120, 71, 230) }
```

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

Here you see how a box with a 4 pixel rgb(120, 71, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 71, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 71, 230);  
box-shadow:4px 4px 4px 4px rgb(120, 71,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6998, 48.9948, -93.6479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 71, 230) }
```

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

```
.background{ background-color: rgb(120, 71,  
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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