

Converting Colors

HunterLab(34.2779, 46.9857,
-79.2761)

Have a look what the booklet for
HunterLab(34.2779, 46.9857,
-79.2761) contains.

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Color

**HunterLab(34.3319, 46.7900,
-78.8676)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 783DCE |
| RGB | 120, 61, 206 |
| RGB Percent | 47%, 24%, 81% |
| CMY | 0.5294, 0.7608, 0.1922 |
| CMYK | 0.42, 0.70, 0.00, 0.19 |
| HSL | 264°, 60%, 52% |
| HSV | 264°, 70%, 81% |
| XYZ | 20.5551, 11.7868, 59.5842 |
| YIQ | 95.1710, -11.3810, 57.6030 |

Conversions

Conversions Part 2

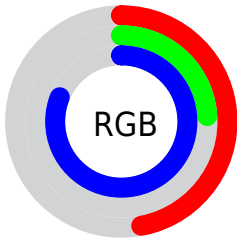
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 120, 61, 206 |
| Decimal | 7880142 |
| CIE _{Lab} | 40.88, 54.97, -65.53 |
| CIE _{LCh} | 41, 85.531, 309.993 |
| Yxy | 11.7872, 0.2236, 0.1282 |
| Android (android.graphics.Color) | 4286070222 (0xFF783DCE) |
| YUV | 95.1710, 54.6387, 21.7750 |
| Hunter-Lab | 34.3319, 46.7900, -78.8676 |

Details

The HunterLab color $34.3319, 46.7900, -78.8676$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as dark muted purple. A complement of this color would be $71.1917, -36.9651, 39.5440$, and the grayscale version is $33.6986, -1.7981, 1.8309$.

A 20% lighter version of the original color is $53.3809, 48.0809, -71.3457$, and $17.8448, 42.5865, -84.1275$ is the 20% darker color. If you saturate the color by 10%, you get $30.2915, 53.4799, -94.6913$, and if you desaturate by 10%, it is $39.1844, 39.2908, -63.5211$.

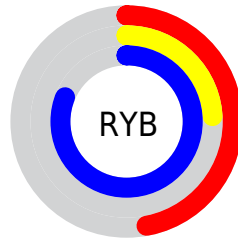
Distribution



Red (47%)

Green (24%)

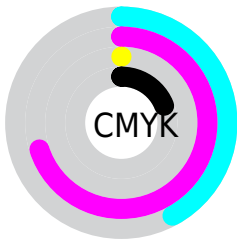
Blue (81%)



Red (47%)

Yellow (24%)

Blue (81%)

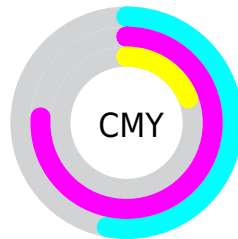


Cyan (42%)

Magenta (70%)

Yellow (0%)

Black (19%)



Cyan (53%)

Magenta (76%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.3319, 46.7900, -78.8676 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 34.3319, 46.7900, -78.8676 by changing the saturation by 10% instead.

34.3319, 46.7900,
-78.8676

34.3319, 46.7900,
-78.8676

142.4749, 60.9806,
-83.7147

25.6884, 44.7542,
-80.4813

53.9508, 50.6463,
-78.4656

17.9236, 42.7611,
-84.3413

64.8129, 52.4201,
-78.9114

11.1521, 41.1408,
-93.4864

76.3196, 54.0874,
-79.5576

3.1138, 85.3436,
-217.3816

88.4366, 55.6515,
-80.3194

0.0000, INF, -NF

0.0000, NaN, -NF

101.1347, 57.1176,
-81.1443

0.0000, NaN, -NF

114.3882, 58.4909,

0.0000, NaN, NaN

-81.9986

0.0000, NaN, NaN

128.1749, 59.7769,
-82.8604

■ 34.3319, 46.7900,
-78.8676

■ 34.3319, 46.7900,
-78.8676

■ 30.2915, 53.4799,
-94.6913

■ 39.1844, 39.2908,
-63.5211

■ 27.2269, 58.3370,
-109.3594

■ 44.6849, 31.6147,
-49.3902

■ 25.1655, 60.8039,
-121.0023

■ 50.7015, 24.0607,
-36.6210

■ 57.1339, 16.7326,
-25.0978

■ 63.9080, 9.6424,
-14.6247

70.9687, 2.7652,
-5.0046

78.2747, -3.9350,
3.9333

85.7944, -10.4937,
12.3288

93.5033, -16.9428,
20.2931

Harmonies

Analogous

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



34.3324, 9.3986, -118.3548



34.3319, 46.7900, -78.8676



34.3324, 76.2851, -24.4839

Triad

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



34.3324, 46.7906, -78.8662



34.3324, 21.6140, 24.0327



34.3324, -43.6077, -9.7946

Complementary

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



34.3319, 46.7900, -78.8676



71.1917, -36.9651, 39.5440

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.



34.3324, -42.3921, 16.3789



34.3319, 46.7900, -78.8676



34.3324, -11.7852, 24.0327

Square

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



34.3324, 46.7906, -78.8662



34.3324, 58.4704, 22.1519



34.3324, -32.8868, 23.4353



34.3324, -37.1690, -60.2019

Rectangle

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



34.3319, 46.7900, -78.8676



34.3324, 82.8756, 1.8614



34.3324, -32.8868, 23.4353



34.3324, -44.0030, 1.8762

Sweetspot

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



34.3324, 46.7906, -78.8662



80.5789, 13.0494, -19.7316



51.6027, -8.4786, -35.4428



36.1503, 7.1942, -10.8102

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.3324, 46.7906, -78.8662



36.5764, 71.3309, -129.5713



43.5146, 65.0485, -51.6098



33.2613, 0.9692, -1.8950



19.8825, 47.8501, -94.1329



4.9792, 11.3700, -18.8206

Inverse Universe

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



43.0882, 58.7714, -10.4020



50.6490, 84.3307, -10.5874



67.8203, -50.6370, 37.0444



33.6504, 2.0443, 0.4769



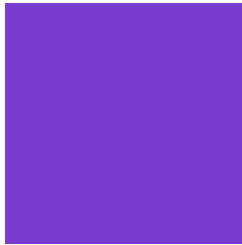
29.9459, 54.2472, -3.6250



6.9097, 12.7102, -2.3343

Previews

White Background



This preview shows how the HunterLab color 34.3319, 46.7900, -78.8676 looks on a white background.

Color Contrast Check

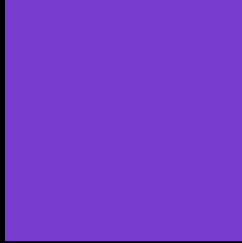
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3319, 46.7900, -78.8676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

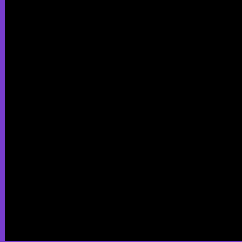
Any Text WCAG AA × Fail

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 34.3319, 46.7900, -78.8676 Background



This preview shows how black text looks on a background with the HunterLab color 34.3319, 46.7900, -78.8676.



This preview shows how white text looks on a background with the HunterLab color 34.3319, 46.7900, -78.8676.

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

34.3319, 46.7900, -78.8676

Protanopia

34.4382, 12.2584, -69.5071

Deuteranopia

34.3889, 0.6408, -44.3665



Tritanopia

34.3974, -0.7519, -0.9358

Trichromacy



Original Color

34.3319, 46.7900, -78.8676

Protanomaly

32.5430, 22.0700, -79.1158

Deuteranomaly

32.3286, 14.2895, -61.9910

Tritanomaly

33.2915, 14.9414, -23.4111

Monochromacy



Original Color

34.3319, 46.7900, -78.8676

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

32.9831, 13.5828, -20.6419

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3319, 46.7900, -78.8676 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, 61, 206)` looks like.

```
.text, #text, p{  
    color:rgb(120, 61, 206)  
}
```

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, 61, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 61, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3319, 46.7900, -78.8676 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, 61, 206) }
```


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

```
.border{ border-color:rgb(120, 61, 206) }
```

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

Here you see how a box with a 4 pixel rgb(120, 61, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 61, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 61, 206);  
box-shadow:4px 4px 4px 4px rgb(120, 61,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3319, 46.7900, -78.8676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 61, 206) }
```

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

```
.background{ background-color: rgb(120, 61,  
206) }
```

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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