

Converting Colors

HunterLab(40.8419, 28.1792,
-51.6284)

Have a look what the booklet for
HunterLab(40.8419, 28.1792,
-51.6284) contains.

| | |
|--|----|
| HunterLab(40.8623, 28.4797, -51.8420) | 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(40.8623, 28.4797,
-51.8420)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7E5FC6 |
| RGB | 126, 95, 198 |
| RGB Percent | 49%, 37%, 78% |
| CMY | 0.5059, 0.6274, 0.2235 |
| CMYK | 0.36, 0.52, 0.00, 0.22 |
| HSL | 258°, 47%, 57% |
| HSV | 258°, 52%, 78% |
| XYZ | 22.8895, 16.6973, 55.4426 |
| YIQ | 116.0110, -14.5870, 38.6050 |

Conversions

Conversions Part 2

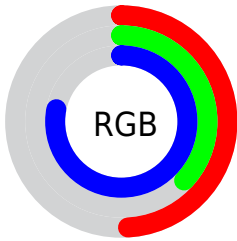
| Format | Color |
|-------------------------------------|--|
| RYB | 126, 95, 198 |
| Decimal | 8282054 |
| CIELab | 47.88, 35.75, -49.57 |
| CIELCh | 48, 61.120, 305.796 |
| Yxy | 16.6979, 0.2409, 0.1757 |
| Android (android.graphics.Color) | 4286472134 (0xFF7E5FC6) |
| YUV | 116.0110, 40.4206, 8.7604 |
| Hunter-Lab | 40.8623, 28.4797, -51.8420 |

Details

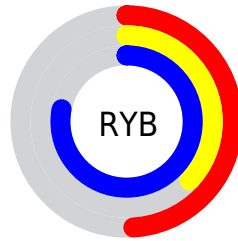
The HunterLab color $40.8623, 28.4797, -51.8420$ is a dark color, and the websafe version is hex $9966CC$. The color can be described as middle muted purple. A complement of this color would be $70.3066, -26.0612, 33.7359$, and the grayscale version is $41.6490, -2.2223, 2.2629$.

A 20% lighter version of the original color is $61.4189, 30.9143, -52.9411$, and $23.1426, 25.6243, -51.8673$ is the 20% darker color. If you saturate the color by 10%, you get $35.4856, 35.6158, -66.7764$, and if you desaturate by 10%, it is $46.7498, 21.6234, -38.5720$.

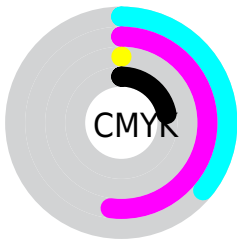
Distribution



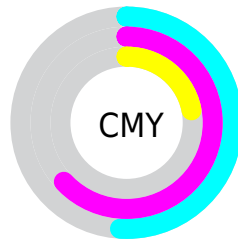
- Red (49%)
- Green (37%)
- Blue (78%)



- Red (49%)
- Yellow (37%)
- Blue (78%)



- Cyan (36%)
- Magenta (52%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8623, 28.4797, -51.8420 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 40.8623, 28.4797, -51.8420 by changing the saturation by 10% instead.

40.8623, 28.4797,
-51.8420

40.8623, 28.4797,
-51.8420

152.7826, 36.0521,
-57.9492

31.6533, 27.1236,
-51.5598

61.4862, 30.8209,
-53.0670

23.2632, 25.6355,
-51.8324

72.8035, 31.8259,
-53.8010

15.7824, 24.0303,
-53.3324

84.7408, 32.7331,
-54.5501

9.3383, 22.4122,
-58.0300

97.2674, 33.5506,
-55.2904

0.0000, INF, -NF

0.0000, NaN, -NF

110.3569, 34.2855,
-56.0076

0.0000, NaN, -NF

123.9859, 34.9439,

0.0000, NaN, NaN

-56.6929

0.0000, NaN, NaN

138.1340, 35.5313,
-57.3411

■ 40.8623, 28.4797,
-51.8420

■ 40.8623, 28.4797,
-51.8420

■ 35.4856, 35.6158,
-66.7764

■ 46.7498, 21.6234,
-38.5720

■ 30.7613, 42.7852,
-83.2713

■ 53.0409, 15.0978,
-26.7730

■ 26.8741, 49.3567,
-100.4466

■ 59.6608, 8.8752,
-16.1763

■ 24.0168, 54.2026,
-116.1455

■ 66.5549, 2.9049,
-6.5330

■ 22.4173, 56.5777,
-126.4999

■ 73.6826, -2.8647,
2.3622

■ 81.0138, -8.4790,
10.6717

■ 88.5250, -13.9750,
18.5214

■ 96.1976, -19.3825,
26.0085

■ 97.9930, -15.5966,
27.7845

Harmonies

Analogous

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



40.8630, 2.5850, -70.0360



40.8623, 28.4797, -51.8420



40.8630, 49.0295, -20.1902

Triad

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



40.8630, 28.4797, -51.8406



40.8630, 18.5215, 25.4273



40.8630, -38.7182, -2.4640

Complementary

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



40.8623, 28.4797, -51.8420



70.3066, -26.0612, 33.7359

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.



40.8630, -36.3423, 16.4446



40.8623, 28.4797, -51.8420



40.8630, -6.7411, 26.2342

Square

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



40.8630, 28.4797, -51.8406



40.8630, 42.4131, 20.4765



40.8630, -25.8324, 24.2184



40.8630, -33.2928, -32.7047

Rectangle

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



40.8623, 28.4797, -51.8420



40.8630, 54.8086, -1.1284



40.8630, -25.8324, 24.2184



40.8630, -38.7860, 5.3149

Sweetspot

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



40.8630, 28.4797, -51.8406



84.6528, 7.1825, -13.9740



58.4677, -14.5460, -18.4050



38.2781, 4.0914, -7.7073

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.8630, 28.4797, -51.8406



46.6091, 48.2700, -90.7822



46.5363, 43.2545, -38.6358



32.3104, 0.6458, -1.9479



18.1865, 45.7241, -101.2632



4.4156, 10.4050, -19.1872

Inverse Universe

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



47.9381, 44.0356, -14.9060



58.5800, 70.6178, -22.6827



67.0078, -38.9207, 31.0286



32.8026, 2.1370, 0.0483



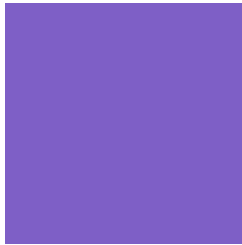
30.0406, 55.4955, -11.9839



6.6309, 12.4111, -3.8975

Previews

White Background



This preview shows how the HunterLab color 40.8623, 28.4797, -51.8420 looks on a white background.

Color Contrast Check

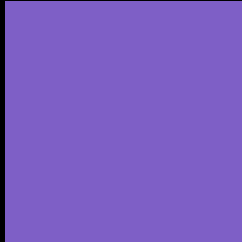
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8623, 28.4797, -51.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

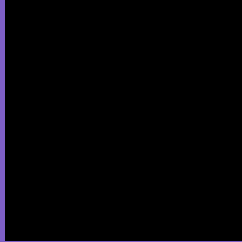
Any Text WCAG AA × Fail

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 40.8623, 28.4797, -51.8420 Background



This preview shows how black text looks on a background with the HunterLab color 40.8623, 28.4797, -51.8420.



This preview shows how white text looks on a background with the HunterLab color 40.8623, 28.4797, -51.8420.

-51.8420.

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

40.8623, 28.4797, -51.8420

Protanopia

41.0554, 12.2003, -65.3983

Deuteranopia

41.1931, 3.5007, -48.0170



Tritanopia

40.9630, -1.8642, -1.9142

Trichromacy



Original Color

40.8623, 28.4797, -51.8420

Protanomaly

40.6155, 16.8379, -61.7901

Deuteranomaly

40.5149, 11.0739, -50.3966

Tritanomaly

40.5344, 8.1773, -17.0849

Monochromacy



Original Color

40.8623, 28.4797, -51.8420

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

40.9799, 7.9814, -13.9533

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8623, 28.4797, -51.8420 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(126, 95, 198)` looks like.

```
.text, #text, p{  
    color:rgb(126, 95, 198)  
}
```

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(126, 95, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 95, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8623, 28.4797, -51.8420 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(126, 95, 198) }
```


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

```
.border{ border-color:rgb(126, 95, 198) }
```

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

Here you see how a box with a 4 pixel rgb(126, 95, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 95, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 95, 198);  
box-shadow:4px 4px 4px 4px rgb(126, 95,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8623, 28.4797, -51.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 95, 198) }
```

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

```
.background{ background-color: rgb(126, 95,  
198) }
```

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