

Converting Colors

HunterLab(17.7738, 42.0383,
-78.5176)

Have a look what the booklet for
HunterLab(17.7738, 42.0383,
-78.5176) contains.

HunterLab(17.7913, 42.1326, -78.9245)	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(17.7913, 42.1326,
-78.9245)**

Conversions

Conversions Part 1

Format	Color
Hex	400092
RGB	64, 0, 146
RGB Percent	25%, 0%, 57%
CMY	0.7490, 1.0000, 0.4275
CMYK	0.56, 1.00, 0.00, 0.43
HSL	266°, 100%, 29%
HSV	266°, 100%, 57%
XYZ	7.3026, 3.1653, 27.4202
YIQ	35.7800, -8.7220, 58.9740

Conversions

Conversions Part 2

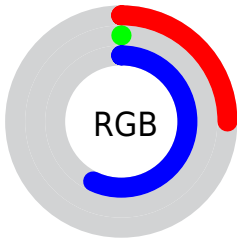
Format	Color
RYB	64, 0, 146
Decimal	4194450
CIELab	20.69, 54.40, -63.03
CIELCh	21, 83.260, 310.794
Yxy	3.1654, 0.1927, 0.0835
Android (android.graphics.Color)	4282384530 (0xFF400092)
YUV	35.7800, 54.3385, 24.7489
Hunter-Lab	17.7913, 42.1326, -78.9245

Details

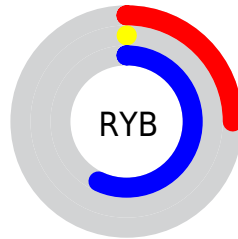
The HunterLab color **17.7913, 42.1326, -78.9245** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **47.2773, -30.7898, 28.5931**, and the grayscale version is **13.0472, -0.6962, 0.7089**.

A 20% lighter version of the original color is **34.1937, 45.8054, -73.9429**, and **8.9897, 24.3846, -63.8758** is the 20% darker color. If you saturate the color by 10%, you get **17.7917, 42.1330, -78.9226**, and if you desaturate by 10%, it is **19.4714, 39.6416, -70.1137**.

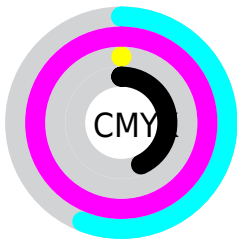
Distribution



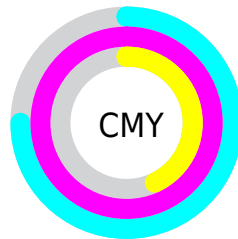
- Red (25%)
- Green (0%)
- Blue (57%)



- Red (25%)
- Yellow (0%)
- Blue (57%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (75%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7913, 42.1326, -78.9245 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 17.7913, 42.1326, -78.9245 by changing the saturation by 10% instead.

■ 17.7913, 42.1326,
-78.9245

■ 17.7913, 42.1326,
-78.9245

■ 114.1433, 57.7295,
-77.7536

■ 11.0395, 40.5112,
-87.0862

■ 34.1685, 46.1437,
-74.2426

■ 2.7731, 93.8865,
-223.2958

■ 43.5963, 48.1052,
-73.9143

0.0000, INF, -NF

■ 53.7602, 49.9694,
-74.1216

0.0000, NaN, -NF

■ 64.6103, 51.7267,
-74.6300

0.0000, NaN, -NF

■ 76.1056, 53.3770,
-75.3100

0.0000, NaN, NaN

■ 88.2119, 54.9241,

0.0000, NaN, NaN

0.0000, NaN, NaN

-76.0857

0.0000, NaN, NaN

100.8996, 56.3731,
-76.9101

17.7913, 42.1326,
-78.9245

17.7913, 42.1326,
-78.9245

17.7917, 42.1330,
-78.9226

19.4714, 39.6416,
-70.1137

21.6494, 36.1128,
-60.5027

24.4255, 31.5284,
-50.4076

27.6992, 26.4749,
-40.6773

31.3748, 21.3121,
-31.6836

■ 35.3743, 16.2144,
-23.4982

■ 39.6377, 11.2470,
-16.0556

■ 44.1199, 6.4212,
-9.2456

■ 48.7872, 1.7252,
-2.9559

Harmonies

Analogous

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



17.7917, 8.8863, -125.9708



17.7913, 42.1326, -78.9245



17.7917, 70.1511, -21.3384

Triad

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



17.7917, 42.1330, -78.9226



17.7917, 17.6031, 12.4542



17.7917, -29.3195, -9.7892

Complementary

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



17.7913, 42.1326, -78.9245



47.2773, -30.7898, 28.5931

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.



17.7917, -28.5453, 10.5225



17.7913, 42.1326, -78.9245



17.7917, -9.0266, 12.4542

Square

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



17.7917, 42.1330, -78.9226



17.7917, 51.4302, 12.4542



17.7917, -22.6112, 12.4542



17.7917, -24.7263, -61.4320

Rectangle

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



17.7913, 42.1326, -78.9245



17.7917, 76.2039, 1.5856



17.7917, -22.6112, 12.4542



17.7917, -29.6783, 0.3283

Sweetspot

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



17.7917, 42.1330, -78.9226



52.2942, 15.3333, -21.8995



28.6725, 1.2531, -38.5433



23.6505, 8.3890, -12.0341



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



17.7917, 42.1330, -78.9226



23.4255, 55.7451, -106.0109



27.0775, 54.0353, -41.9144



23.9789, 0.6637, -1.2097



16.7283, 39.5649, -73.8178



2.2629, 4.8631, -6.1948

Inverse Universe

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



25.9232, 46.7440, -1.4636



34.3811, 61.9040, -1.2347



45.4099, -38.5835, 27.3059



24.2212, 1.3070, 0.4755



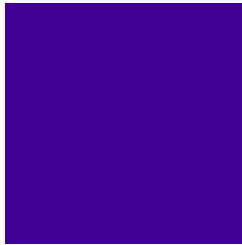
24.3275, 43.8836, -1.5044



2.7995, 5.2427, -1.6670

Previews

White Background



This preview shows how the HunterLab color 17.7913, 42.1326, -78.9245 looks on a white background.

Color Contrast Check

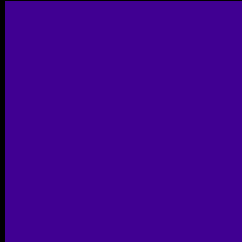
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 17.7913, 42.1326, -78.9245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

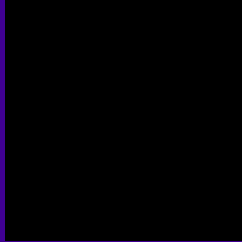
Any Text WCAG AA × Fail

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 17.7913, 42.1326, -78.9245 Background



This preview shows how black text looks on a background with the HunterLab color 17.7913, 42.1326, -78.9245.



This preview shows how white text looks on a background with the HunterLab color 17.7913, 42.1326, -78.9245.

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

17.7913, 42.1326, -78.9245

Protanopia

18.5752, 4.8806, -33.7532

Deuteranopia

18.7219, -1.3196, -20.5522



Tritanopia

18.9381, -5.5003, -2.2485

Trichromacy



Original Color

17.7913, 42.1326, -78.9245

Protanomaly

16.1874, 20.0006, -57.1146

Deuteranomaly

15.9815, 15.3578, -46.7537

Tritanomaly

16.0310, 12.0456, -27.3586

Monochromacy



Original Color

17.7913, 42.1326, -78.9245

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.0975, 14.3893, -22.6296

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7913, 42.1326, -78.9245 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(64, 0, 146)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 146)  
}
```

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(64, 0, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7913, 42.1326, -78.9245 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(64, 0, 146) }
```


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

```
.border{ border-color:rgb(64, 0, 146) }
```

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

Here you see how a box with a 4 pixel rgb(64, 0, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 0, 146);  
box-shadow:4px 4px 4px 4px rgb(64, 0, 146)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7913, 42.1326, -78.9245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 146) }
```

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

```
.background{ background-color: rgb(64, 0,  
146) }
```

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