

Converting Colors

HunterLab(17.6898, 40.8316,
-70.2525)

Have a look what the booklet for
HunterLab(17.6898, 40.8316,
-70.2525) contains.

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Color

**HunterLab(17.6898, 40.8316,
-70.2525)**

Conversions

Conversions Part 1

Format	Color
Hex	45008B
RGB	69, 0, 139
RGB Percent	27%, 0%, 55%
CMY	0.7294, 1.0000, 0.4549
CMYK	0.50, 1.00, 0.00, 0.45
HSL	270°, 100%, 27%
HSV	270°, 100%, 55%
XYZ	7.1144, 3.1293, 24.6551
YIQ	36.4770, -3.4950, 57.8570

Conversions

Conversions Part 2

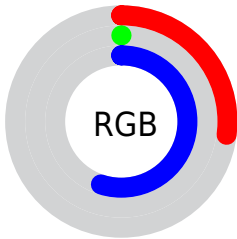
Format	Color
RYB	69, 0, 139
Decimal	4522123
CIELab	20.55, 53.16, -58.88
CIELCh	21, 79.323, 312.078
Yxy	3.1294, 0.2039, 0.0897
Android (android.graphics.Color)	4282712203 (0xFF45008B)
YUV	36.4770, 50.5438, 28.5227
Hunter-Lab	17.6898, 40.8316, -70.2525

Details

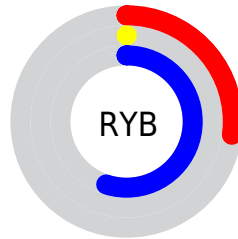
The HunterLab color **17.6898, 40.8316, -70.2525** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **44.4604, -30.5987, 26.8606**, and the grayscale version is **13.2794, -0.7086, 0.7215**.

A 20% lighter version of the original color is **34.1587, 44.7896, -66.7569**, and **8.5463, 22.8798, -58.3839** is the 20% darker color. If you saturate the color by 10%, you get **17.6901, 40.8320, -70.2510**, and if you desaturate by 10%, it is **19.2668, 38.5161, -62.6206**.

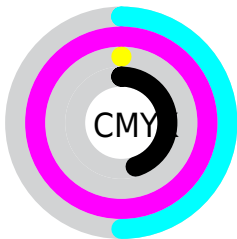
Distribution



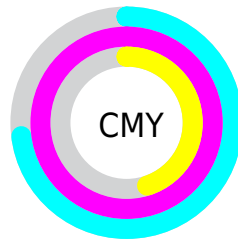
- Red (27%)
- Green (0%)
- Blue (55%)



- Red (27%)
- Yellow (0%)
- Blue (55%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (73%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6898, 40.8316, -70.2525 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 17.6898, 40.8316, -70.2525 by changing the saturation by 10% instead.

■ 17.6898, 40.8316,
-70.2525

■ 17.6898, 40.8316,
-70.2525

■ 113.9545, 56.1203,
-70.8621

■ 10.9529, 39.1903,
-76.7984

■ 34.0423, 44.8029,
-66.8316

■ 2.4785, 101.3770,
-215.7789

■ 43.4593, 46.7305,
-66.7677

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.6133, 48.5574,
-67.1303

0.0000, NaN, -NF

■ 64.4541, 50.2758,
-67.7257

0.0000, NaN, NaN

■ 75.9407, 51.8865,
-68.4475

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.0386, 53.3938,

-69.2337

0.0000, NaN, NaN

100.7184, 54.8032,
-70.0465

17.6898, 40.8316,
-70.2525

17.6898, 40.8316,
-70.2525

17.6901, 40.8320,
-70.2510

19.2668, 38.5161,
-62.6206

21.2703, 35.2690,
-54.3627

23.8172, 30.9743,
-45.5877

26.8241, 26.1576,
-37.0030

30.2081, 21.1661,
-28.9571

■ 33.8993, 16.1844,
-21.5496

■ 37.8427, 11.2931,
-14.7535

■ 41.9961, 6.5166,
-8.4929

■ 46.3274, 1.8528,
-2.6816

Harmonies

Analogous

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



17.6901, 9.5736, -114.3862



17.6898, 40.8316, -70.2525



17.6901, 66.1418, -18.1091

Triad

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



17.6901, 40.8320, -70.2510



17.6901, 15.2768, 12.3831



17.6901, -28.2405, -10.6437

Complementary

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



17.6898, 40.8316, -70.2525



44.4604, -30.5987, 26.8606

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.



17.6901, -27.7249, 9.7987



17.6898, 40.8316, -70.2525



17.6901, -9.4652, 12.3831

Square

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



17.6901, 40.8320, -70.2510



17.6901, 46.8378, 12.3831



17.6901, -22.2256, 12.3831



17.6901, -23.6366, -59.1569

Rectangle

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



17.6898, 40.8316, -70.2525



17.6901, 70.9660, 2.4558



17.6901, -22.2256, 12.3831



17.6901, -28.6602, -0.6726

Sweetspot

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



17.6901, 40.8320, -70.2510



50.2883, 15.5351, -20.3137



25.4463, 4.3320, -41.1573



23.1818, 8.6219, -11.3439



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



17.6901, 40.8320, -70.2510



23.4644, 54.4099, -95.1188



26.7502, 52.7789, -36.7316



22.3745, 0.6991, -1.0556



16.8364, 38.8253, -66.5806



1.6587, 3.5144, -4.1512

Inverse Universe

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



24.3539, 43.5224, 1.6635



32.5394, 58.0550, 2.9616



42.9887, -36.7734, 25.8456



22.5563, 1.1312, 0.6003



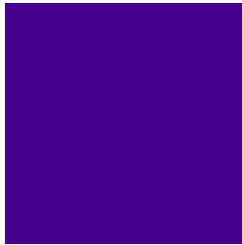
23.1443, 41.3745, 1.4732



1.9631, 3.6486, -0.9538

Previews

White Background



This preview shows how the HunterLab color 17.6898, 40.8316, -70.2525 looks on a white background.

Color Contrast Check

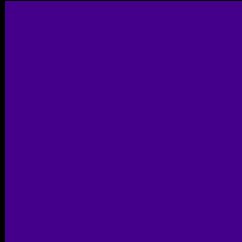
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6898, 40.8316, -70.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

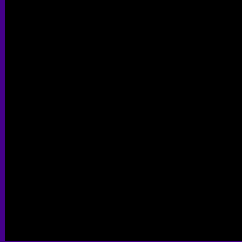
Any Text WCAG AA × Fail

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 17.6898, 40.8316, -70.2525 Background



This preview shows how black text looks on a background with the HunterLab color 17.6898, 40.8316, -70.2525.



This preview shows how white text looks on a background with the HunterLab color 17.6898, 40.8316, -70.2525.

-70.2525.

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

17.6898, 40.8316, -70.2525

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.7219, -1.3196, -20.5522



Tritanopia

18.7741, -2.3385, -1.1142

Trichromacy



Original Color

17.6898, 40.8316, -70.2525

Protanomaly

16.0362, 19.2123, -54.3095

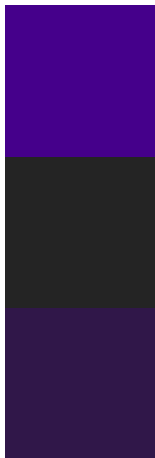
Deuteranomaly

15.8520, 14.6234, -44.0895

Tritanomaly

16.1754, 13.7776, -22.8422

Monochromacy



Original Color

17.6898, 40.8316, -70.2525

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1233, 14.1387, -20.1439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6898, 40.8316, -70.2525 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(69, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(69, 0, 139)  
}
```

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(69, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 0, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6898, 40.8316, -70.2525 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(69, 0, 139) }
```


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

```
.border{ border-color:rgb(69, 0, 139) }
```

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

Here you see how a box with a 4 pixel rgb(69, 0, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(69, 0, 139)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6898, 40.8316, -70.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 0, 139) }
```

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

```
.background{ background-color: rgb(69, 0,  
139) }
```

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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