

Converting Colors

HunterLab(17.7208, 48.0245,
-125.5785)

Have a look what the booklet for
HunterLab(17.7208, 48.0245,
-125.5785) contains.

HunterLab(17.7230, 48.0372, -125.6471)	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(17.7230, 48.0372,
-125.6471)**

Conversions

Conversions Part 1

Format	Color
Hex	0100B0
RGB	1, 0, 176
RGB Percent	0%, 0%, 69%
CMY	0.9959, 1.0000, 0.3098
CMYK	0.99, 1.00, 0.00, 0.31
HSL	240°, 100%, 35%
HSV	240°, 100%, 69%
XYZ	7.8490, 3.1410, 41.2669
YIQ	20.3630, -55.9000, 54.9480

Conversions

Conversions Part 2

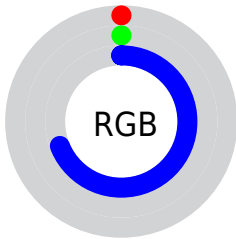
Format	Color
R_{YB}	1, 0, 176
Decimal	65712
CIE _{Lab}	20.60, 59.98, -81.63
CIE _{LCh}	21, 101.296, 306.306
Yxy	3.1413, 0.1502, 0.0601
Android (android.graphics.Color)	4278255792 (0xFF0100B0)
YUV	20.3630, 76.7290, -16.9814
Hunter-Lab	17.7230, 48.0372, -125.6471

Details

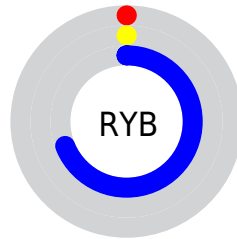
The HunterLab color **17.7230, 48.0372, -125.6471** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **63.3727, -17.3965, 38.7454**, and the grayscale version is **8.2666, -0.4411, 0.4491**.

A 20% lighter version of the original color is **34.0702, 52.0186, -112.2511**, and **11.8539, 32.1536, -84.2267** is the 20% darker color. If you saturate the color by 10%, you get **17.7236, 48.0377, -125.6423**, and if you desaturate by 10%, it is **19.2045, 43.5926, -114.2123**.

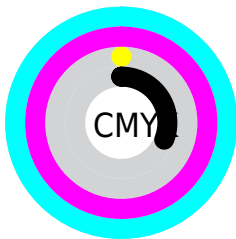
Distribution



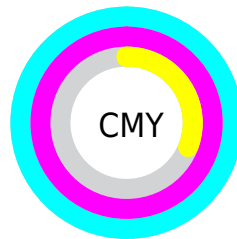
- Red (0%)
- Green (0%)
- Blue (69%)



- Red (0%)
- Yellow (0%)
- Blue (69%)



- Cyan (99%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7230, 48.0372, -125.6471 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 17.7230, 48.0372, -125.6471 by changing the saturation by 10% instead.

■ 17.7230, 48.0372,
-125.6471

■ 17.7230, 48.0372,
-125.6471

■ 114.0168, 64.9591,
-111.1079

■ 10.9815, 46.6098,
-144.6031

■ 34.0839, 52.1701,
-112.4288

■ 2.5795, 115.2253,
-417.4735

■ 43.5045, 54.2760,
-110.1981

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.6617, 56.3048,
-109.1984

0.0000, NaN, -NF

■ 64.5056, 58.2367,
-108.9347

0.0000, NaN, -NF

■ 75.9951, 60.0662,
-109.1306

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.0958, 61.7940,


-109.6212


0.0000, NaN, NaN


 100.7782, 63.4235,
-110.3028


 17.7230, 48.0372,
-125.6471


 17.7230, 48.0372,
-125.6471


 17.7236, 48.0377,
-125.6423

 19.2045, 43.5926,
-114.2123

 21.7348, 37.2897,
-98.0006

 25.3649, 30.1813,
-79.8529

 29.8421, 23.4528,
-62.8073

 34.9487, 17.4944,
-47.8409

■ 40.5283, 12.2947,
-34.9004

■ 46.4747, 7.7218,
-23.6281

■ 52.7151, 3.6356,
-13.6510

■ 59.1992, -0.0803,
-4.6607

Harmonies

Analogous

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



17.7236, 5.8740, -187.6468



17.7230, 48.0372, -125.6471



17.7236, 89.3872, -38.5311

Triad

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



17.7236, 48.0377, -125.6423



17.7236, 28.8518, 12.4065



17.7236, -31.0164, -6.2163

Complementary

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



17.7230, 48.0372, -125.6471



63.3727, -17.3965, 38.7454

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.



17.7236, -31.0164, 12.4065



17.7230, 48.0372, -125.6471



17.7236, -6.8701, 12.4065

Square

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



17.7236, 48.0377, -125.6423



17.7236, 74.0479, 12.4065



17.7236, -23.9304, 12.4065



17.7236, -29.2545, -72.4875

Rectangle

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



17.7230, 48.0372, -125.6471



17.7236, 101.7993, -2.9655



17.7236, -23.9304, 12.4065



17.7236, -31.0164, 4.1605

Sweetspot

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



17.7236, 48.0377, -125.6423



62.1574, 10.7047, -32.5703



58.4683, -30.9971, -6.1665



27.3833, 6.1270, -17.9748



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



17.7236, 48.0377, -125.6423



23.8617, 64.6884, -169.2651



22.8239, 52.8201, -91.7110



28.6923, -0.1531, -1.9666



15.1845, 41.1499, -107.5967



2.7080, 7.3097, -18.9647

Inverse Universe

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



35.1056, 68.9321, -45.6306



47.2761, 92.8278, -61.4342



57.5548, -40.0889, 34.7632



29.4038, 2.2554, -0.9873



30.0710, 59.0472, -39.0929



5.3366, 10.4828, -6.9675

Previews

White Background



This preview shows how the HunterLab color 17.7230, 48.0372, -125.6471 looks on a white background.

Color Contrast Check

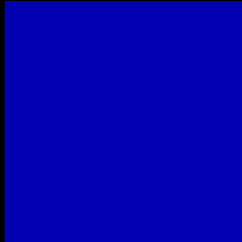
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7230, 48.0372, -125.6471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

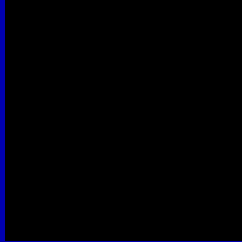
Any Text WCAG AA × Fail

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 17.7230, 48.0372, -125.6471 Background



This preview shows how black text looks on a background with the HunterLab color 17.7230, 48.0372, -125.6471.



This preview shows how white text looks on a background with the HunterLab color 17.7230, 48.0372, -125.6471.

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

17.7230, 48.0372, -125.6471

Protanopia

18.5752, 4.8806, -33.7532

Deuteranopia

18.6754, -1.5752, -19.9422



Tritanopia

18.6433, -9.3266, -3.1690

Trichromacy



Original Color

17.7230, 48.0372, -125.6471

Protanomaly

16.5121, 22.4544, -69.1112

Deuteranomaly

16.1468, 17.2212, -57.3577

Tritanomaly

15.3802, 9.5421, -39.8225

Monochromacy



Original Color

17.7230, 48.0372, -125.6471

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

9.5354, 14.1905, -37.5329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7230, 48.0372, -125.6471 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(1, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(1, 0, 176)  
}
```

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(1, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 0, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7230, 48.0372, -125.6471 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(1, 0, 176) }
```


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

```
.border{ border-color:rgb(1, 0, 176) }
```

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

Here you see how a box with a 4 pixel rgb(1, 0, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 0, 176); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 0, 176); box-shadow:4px  
4px 4px 4px rgb(1, 0, 176) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7230, 48.0372, -125.6471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 0, 176) }
```

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

```
.background{ background-color: rgb(1, 0,  
176) }
```

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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