

Converting Colors

HunterLab(17.9306, 38.5138,
-87.9298)

Have a look what the booklet for
HunterLab(17.9306, 38.5138,
-87.9298) contains.

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Color

**HunterLab(17.8870, 38.5808,
-88.1978)**

Conversions

Conversions Part 1

Format	Color
Hex	2D0F99
RGB	45, 15, 153
RGB Percent	18%, 6%, 60%
CMY	0.8235, 0.9412, 0.4000
CMYK	0.71, 0.90, 0.00, 0.40
HSL	253°, 82%, 33%
HSV	253°, 90%, 60%
XYZ	7.0028, 3.1994, 30.3855
YIQ	39.7020, -26.4180, 49.2780

Conversions

Conversions Part 2

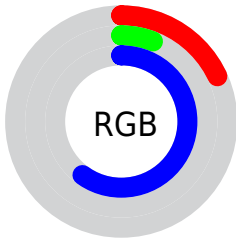
Format	Color
R_{YB}	45, 15, 153
Decimal	2953113
CIE _{Lab}	20.83, 50.88, -67.20
CIE _{LCh}	21, 84.294, 307.130
Yxy	3.1995, 0.1725, 0.0788
Android (android.graphics.Color)	4281143193 (0xFF2D0F99)
YUV	39.7020, 55.8559, 4.6463
Hunter-Lab	17.8870, 38.5808, -88.1978

Details

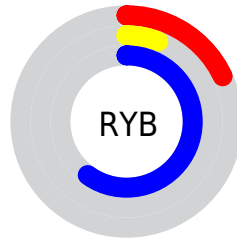
The HunterLab color **17.8870, 38.5808, -88.1978** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **51.9877, -23.5297, 31.1074**, and the grayscale version is **14.3017, -0.7631, 0.7770**.

A 20% lighter version of the original color is **34.1878, 42.7213, -82.7983**, and **9.5922, 26.0188, -68.1565** is the 20% darker color. If you saturate the color by 10%, you get **16.2104, 41.9483, -99.5044**, and if you desaturate by 10%, it is **20.2799, 34.1128, -75.0147**.

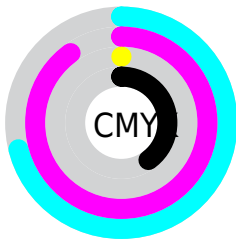
Distribution



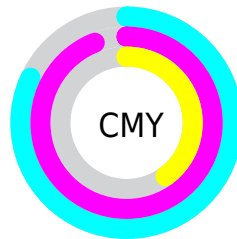
- Red (18%)
- Green (6%)
- Blue (60%)



- Red (18%)
- Yellow (6%)
- Blue (60%)



- Cyan (71%)
- Magenta (90%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (94%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8870, 38.5808, -88.1978 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 17.8870, 38.5808, -88.1978 by changing the saturation by 10% instead.

■ 17.8870, 38.5808,
-88.1978

■ 17.8870, 38.5808,
-88.1978

■ 114.3205, 53.2500,
-84.8796

■ 11.1209, 36.8826,
-98.1872

■ 34.2871, 42.4734,
-82.0690

■ 3.0234, 79.0777,
-235.6053

■ 43.7249, 44.3310,
-81.4264

0.0000, INF, -NF

■ 53.8980, 46.0817,
-81.4419

0.0000, NaN, -NF

■ 64.7568, 47.7212,
-81.8355

0.0000, NaN, -NF

■ 76.2604, 49.2521,
-82.4519

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.3745, 50.6799,

0.0000, NaN, NaN

-83.1993

0.0000, NaN, NaN

101.0696, 52.0105,
-84.0207

17.8870, 38.5808,
-88.1978

17.8870, 38.5808,
-88.1978

16.2104, 41.9483,
-99.5044

20.2799, 34.1128,
-75.0147

23.4221, 28.8347,
-61.3510

27.1520, 23.4838,
-48.6664

31.3331, 18.3808,
-37.3978

35.8644, 13.6052,
-27.4842

■ 40.6741, 9.1364,
-18.7073

■ 45.7113, 4.9238,
-10.8361

■ 50.9394, 0.9149,
-3.6729

■ 56.3312, -2.9362,
2.9396

Harmonies

Analogous

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



17.8871, 5.4500, -131.1783



17.8870, 38.5808, -88.1978



17.8871, 68.9427, -27.7086

Triad

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



17.8871, 38.5828, -88.1975



17.8871, 21.9787, 12.5210



17.8871, -29.8105, -5.7274

Complementary

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



17.8870, 38.5808, -88.1978



51.9877, -23.5297, 31.1074

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.



17.8871, -28.3551, 11.7918



17.8870, 38.5808, -88.1978



17.8871, -6.5696, 12.5210

Square

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



17.8871, 38.5828, -88.1975



17.8871, 56.2127, 12.5210



17.8871, -21.7836, 12.5210



17.8871, -25.8062, -54.9787

Rectangle

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



17.8870, 38.5808, -88.1978



17.8871, 77.4688, -1.4854



17.8871, -21.7836, 12.5210



17.8871, -29.9435, 3.1266

Sweetspot

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



17.8871, 38.5828, -88.1975



56.2010, 10.6936, -22.1205



40.7333, -14.1310, -19.0143



25.4485, 5.8590, -11.9816



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



17.8871, 38.5828, -88.1975



21.5360, 56.0060, -134.3378



24.9240, 48.3890, -55.4859



24.6736, 0.2559, -1.4419



14.7798, 38.1715, -90.1430



2.1520, 5.0058, -8.8457

Inverse Universe

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



29.2295, 51.9450, -19.0827



38.1009, 71.5171, -23.9705



48.5839, -37.2445, 28.7339



25.1011, 1.6114, -0.1586



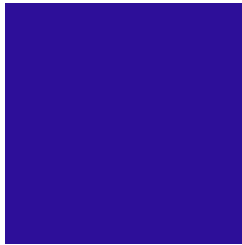
25.9182, 48.7083, -16.7599



3.2487, 6.2366, -3.1178

Previews

White Background



This preview shows how the HunterLab color 17.8870, 38.5808, -88.1978 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 17.8870, 38.5808, -88.1978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

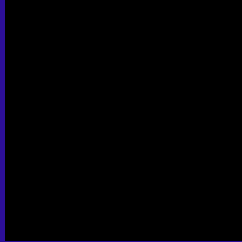
Any Text WCAG AA × Fail

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 17.8870, 38.5808, -88.1978 Background



This preview shows how black text looks on a background with the HunterLab color 17.8870, 38.5808, -88.1978.



This preview shows how white text looks on a background with the HunterLab color 17.8870, 38.5808, -88.1978.

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

17.8870, 38.5808, -88.1978

Protanopia

18.1126, 4.1681, -31.6369

Deuteranopia

18.0762, -1.2554, -19.8836



Tritanopia

18.0643, -8.8316, -3.5139

Trichromacy



Original Color

17.8870, 38.5808, -88.1978

Protanomaly

16.8477, 17.0083, -54.1172

Deuteranomaly

16.5259, 12.8139, -44.5893

Tritanomaly

16.0444, 5.9884, -29.1413

Monochromacy



Original Color

17.8870, 38.5808, -88.1978

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.3746, 11.2288, -23.0544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8870, 38.5808, -88.1978 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(45, 15, 153)` looks like.

```
.text, #text, p{  
    color:rgb(45, 15, 153)  
}
```

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(45, 15, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 15, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8870, 38.5808, -88.1978 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(45, 15, 153) }
```


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

```
.border{ border-color:rgb(45, 15, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 15, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 15, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 15, 153);  
box-shadow:4px 4px 4px 4px rgb(45, 15,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.8870, 38.5808, -88.1978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 15, 153) }
```

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

```
.background{ background-color: rgb(45, 15,  
153) }
```

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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