

Converting Colors

HunterLab(19.1138, 17.5182,
-50.1985)

Have a look what the booklet for
HunterLab(19.1138, 17.5182,
-50.1985) contains.

HunterLab(19.1138, 17.5182, -50.1985)	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(19.1138, 17.5182,
-50.1985)**

Conversions

Conversions Part 1

Format	Color
Hex	252B7F
RGB	37, 43, 127
RGB Percent	15%, 17%, 50%
CMY	0.8549, 0.8314, 0.5020
CMYK	0.71, 0.66, 0.00, 0.50
HSL	236°, 55%, 32%
HSV	236°, 71%, 50%
XYZ	5.4576, 3.6534, 20.4962
YIQ	50.7820, -30.5400, 24.8520

Conversions

Conversions Part 2

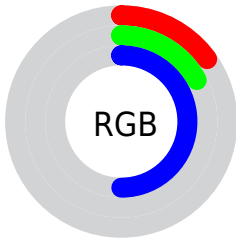
Format	Color
R_{YB}	37, 43, 127
Decimal	2435967
CIE _{Lab}	22.49, 26.99, -48.26
CIE _{LCh}	22, 55.293, 299.217
Yxy	3.6535, 0.1843, 0.1234
Android (android.graphics.Color)	4280626047 (0xFF252B7F)
YUV	50.7820, 37.5755, -12.0868
Hunter-Lab	19.1138, 17.5182, -50.1985

Details

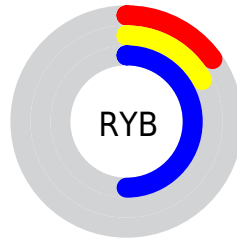
The HunterLab color **19.1138, 17.5182, -50.1985** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **42.8040, -8.4990, 23.8019**, and the grayscale version is **18.0073, -0.9608, 0.9784**.

A 20% lighter version of the original color is **35.9358, 19.7274, -49.6376**, and **7.3200, 19.8555, -52.0116** is the 20% darker color. If you saturate the color by 10%, you get **16.4859, 22.1312, -61.6653**, and if you desaturate by 10%, it is **22.1844, 13.4048, -39.7580**.

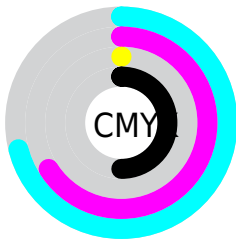
Distribution



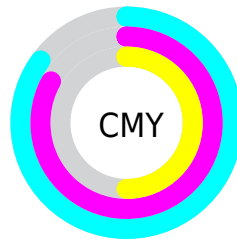
- Red (15%)
- Green (17%)
- Blue (50%)



- Red (15%)
- Yellow (17%)
- Blue (50%)



- Cyan (71%)
- Magenta (66%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (83%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1138, 17.5182, -50.1985 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 19.1138, 17.5182, -50.1985 by changing the saturation by 10% instead.

■ 19.1138, 17.5182,
-50.1985

■ 19.1138, 17.5182,
-50.1985

■ 116.5795, 24.1205,
-54.3286

■ 12.1724, 16.1772,
-52.6997

■ 35.8053, 19.7595,
-49.6466

■ 5.2514, 22.1997,
-75.4128

■ 45.3694, 20.6764,
-50.1119

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.6600, 21.4775,
-50.7477

0.0000, NaN, -NF

■ 66.6288, 22.1753,
-51.4599

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.2362, 22.7804,
-52.1977

0.0000, NaN, NaN

■ 90.4490, 23.3017,

-52.9320

0.0000, NaN, NaN

103.2384, 23.7463,
-53.6457

19.1138, 17.5182,
-50.1985

19.1138, 17.5182,
-50.1985

16.4859, 22.1312,
-61.6653

22.1844, 13.4048,
-39.7580

14.4338, 26.8645,
-73.1139

25.5915, 9.8479,
-30.5763

13.0994, 30.5276,
-82.2734

29.2599, 6.7816,
-22.5376

33.1365, 4.1117,
-15.4357

37.1840, 1.7521,
-9.0724

■ 41.3756, -0.3669,
-3.2833

■ 45.6913, -2.2989,
2.0599

■ 50.1162, -4.0849,
7.0557

■ 54.6386, -5.7559,
11.7792

Harmonies

Analogous

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



19.1140, -1.4621, -62.6266



19.1138, 17.5182, -50.1985



19.1140, 35.5699, -22.4322

Triad

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



19.1140, 17.5191, -50.1979



19.1140, 18.5638, 13.3798



19.1140, -23.8370, 1.4572

Complementary

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



19.1138, 17.5182, -50.1985



42.8040, -8.4990, 23.8019

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.



19.1140, -21.6614, 11.1072



19.1138, 17.5182, -50.1985



19.1140, -0.5757, 13.3798

Square

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



19.1140, 17.5191, -50.1979



19.1140, 36.3058, 10.8233



19.1140, -14.4120, 13.3798



19.1140, -21.8857, -20.9669

Rectangle

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



19.1138, 17.5182, -50.1985



19.1140, 42.3942, -5.6763



19.1140, -14.4120, 13.3798



19.1140, -23.5816, 5.9581

Sweetspot

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



19.1140, 17.5191, -50.1979



49.4078, 2.5356, -12.6587



41.1737, -20.8811, -1.0432



23.2979, 1.5647, -7.0401



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



19.1140, 17.5191, -50.1979



20.2661, 33.5580, -92.1175



20.9581, 26.9731, -43.4160



20.6257, -0.3521, -1.1328



13.1519, 30.6704, -82.6474

0.0000, NaN, NaN

Inverse Universe

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



24.5152, 28.8199, 10.0833



29.8099, 45.4991, 16.1180



41.6980, -21.8241, 22.8228



20.8532, 0.6438, 1.5554

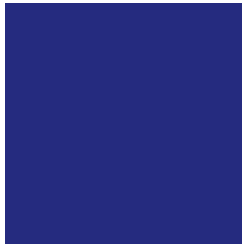


21.3755, 36.6933, 13.1374

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 19.1138, 17.5182, -50.1985 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 19.1138, 17.5182, -50.1985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

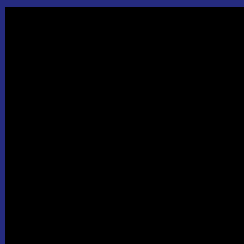
Any Text WCAG AA × Fail

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 19.1138, 17.5182, -50.1985 Background



This preview shows how black text looks on a background with the HunterLab color 19.1138, 17.5182, -50.1985.



This preview shows how white text looks on a background with the HunterLab color 19.1138, 17.5182, -50.1985.

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

19.1138, 17.5182, -50.1985

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

18.8163, -0.8020, -21.7875



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

19.1138, 17.5182, -50.1985

Protanomaly

18.8232, 8.9425, -40.2893

Deuteranomaly

18.6918, 5.0232, -31.6464

Tritanomaly

18.4717, -1.3497, -17.5835

Monochromacy



Original Color

19.1138, 17.5182, -50.1985

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.0534, 3.9509, -13.0996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1138, 17.5182, -50.1985 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(37, 43, 127)` looks like.

```
.text, #text, p{  
    color:rgb(37, 43, 127)  
}
```

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(37, 43, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 43, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1138, 17.5182, -50.1985 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(37, 43, 127) }
```


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

```
.border{ border-color:rgb(37, 43, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 43, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 43, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 43, 127);  
box-shadow:4px 4px 4px 4px rgb(37, 43,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.1138, 17.5182, -50.1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 43, 127) }
```

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

```
.background{ background-color: rgb(37, 43,  
127) }
```

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