

Converting Colors

HunterLab(17.3307, 1.0061,
-16.9520)

Have a look what the booklet for
HunterLab(17.3307, 1.0061,
-16.9520) contains.

HunterLab(17.3938, 0.8332, -16.4778)	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(17.3938, 0.8332,
-16.4778)**

Conversions

Conversions Part 1

Format	Color
Hex	1A3152
RGB	26, 49, 82
RGB Percent	10%, 19%, 32%
CMY	0.8980, 0.8078, 0.6784
CMYK	0.68, 0.40, 0.00, 0.68
HSL	215°, 52%, 21%
HSV	215°, 68%, 32%
XYZ	3.0473, 3.0254, 8.4060
YIQ	45.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

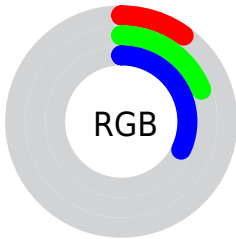
Format	Color
R_{YB}	26, 42, 82
Decimal	1716562
CIE _{Lab}	20.15, 3.04, -22.84
CIE _{LCh}	20, 23.042, 277.586
Yxy	3.0255, 0.2105, 0.2090
Android (android.graphics.Color)	4279906642 (0xFF1A3152)
YUV	45.8850, 17.8047, -17.4391
Hunter-Lab	17.3938, 0.8332, -16.4778




Details

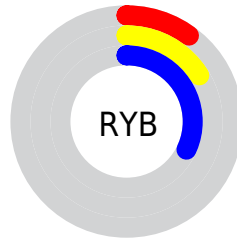
The HunterLab color **17.3938, 0.8332, -16.4778** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.3532, 2.6481, 11.2277**, and the grayscale version is **16.4403, -0.8772, 0.8932**.




A 20% lighter version of the original color is **33.7444, 0.3913, -17.5556**, and **3.9406, 8.7221, -23.7538** is the 20% darker color. If you saturate the color by 10%, you get **15.9682, 1.9664, -19.7658**, and if you desaturate by 10%, it is **18.9092, -0.0438, -13.3790**.

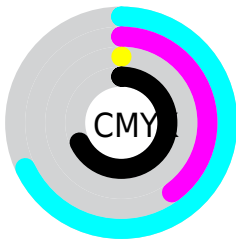
Distribution







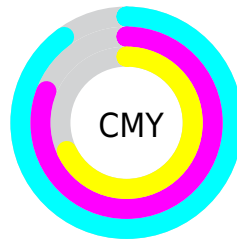
-  Red (10%)
-  Green (19%)
-  Blue (32%)






-  Red (10%)
-  Yellow (16%)
-  Blue (32%)



-  Cyan (68%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (90%)
-  Magenta (81%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3938, 0.8332, -16.4778 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 17.3938, 0.8332, -16.4778 by changing the saturation by 10% instead.

■ 17.3938, 0.8332,
-16.4778

■ 17.3938, 0.8332,
-16.4778

■ 113.4025, -2.8099,
-19.3989

■ 10.7009, 0.9385,
-16.1371

■ 33.6736, 0.3828,
-17.4708

■ 1.2709, 10.3610,
-81.7507

■ 43.0594, 0.0634,
-17.9262

0.0000, NaN, -NF

■ 53.1842, -0.3086,
-18.3233

0.0000, NaN, NaN

■ 63.9978, -0.7279,
-18.6580

0.0000, NaN, NaN

■ 75.4587, -1.1906,
-18.9306

0.0000, NaN, NaN

■ 87.5322, -1.6935,

0.0000, NaN, NaN

0.0000, NaN, NaN

-19.1432

0.0000, NaN, NaN

100.1887, -2.2340,
-19.2984

17.3938, 0.8332,
-16.4778

17.3938, 0.8332,
-16.4778

15.9682, 1.9664,
-19.7658

18.9092, -0.0438,
-13.3790

14.6437, 3.3824,
-23.2381

20.5028, -0.6962,
-10.4630

13.3840, 4.9466,
-27.0289

22.1656, -1.1538,
-7.7145

13.1715, 5.2173,
-27.7258

23.8899, -1.4439,
-5.1159

25.6692, -1.5902,
-2.6489

■ 27.4978, -1.6128,
-0.2963

■ 29.3712, -1.5286,
1.9574

■ 31.2855, -1.3519,
4.1260

■ 33.2372, -1.0945,
6.2215

Harmonies

Analogous

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



17.3941, -5.6453, -14.9517



17.3938, 0.8332, -16.4778



17.3941, 7.7993, -12.0977

Triad

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



17.3941, 0.8334, -16.4774



17.3941, 10.7103, 6.9594



17.3941, -11.4538, 5.0580

Complementary

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



17.3938, 0.8332, -16.4778



22.3532, 2.6481, 11.2277

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.



17.3941, -8.2166, 8.2075



17.3938, 0.8332, -16.4778



17.3941, 4.3503, 8.9747

Square

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



17.3941, 0.8334, -16.4774



17.3941, 14.0455, 2.5121



17.3941, -2.6240, 9.3415



17.3941, -12.0981, -0.7790

Rectangle

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



17.3938, 0.8332, -16.4778



17.3941, 11.5618, -7.1404



17.3941, -2.6240, 9.3415



17.3941, -10.6598, 6.3875

Sweetspot

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



17.3941, 0.8334, -16.4774



33.3428, -2.0704, -4.2742



25.6254, -15.4196, 6.0510



16.3692, -1.0153, -2.3725



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



17.3941, 0.8334, -16.4774



19.9255, 3.7929, -29.1278



12.7841, 11.8035, -28.9382



13.9947, -0.8238, -0.2012



16.5346, 7.6434, -37.1668



37.5072, 23.3194, -97.2206

Inverse Universe

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



16.5968, 18.3163, 0.1668



19.7139, 28.9816, 1.6533



27.7506, -8.0954, 14.8697



13.8405, 0.4851, 0.5375



17.7484, 31.3747, 3.8707



42.4216, 74.6088, 12.2140

Previews

White Background



This preview shows how the HunterLab color 17.3938, 0.8332, -16.4778 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 17.3938, 0.8332, -16.4778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

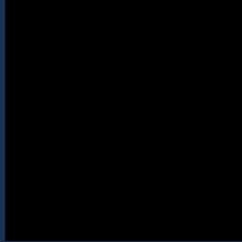
Any Text WCAG AA × Fail

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 17.3938, 0.8332, -16.4778 Background



This preview shows how black text looks on a background with the HunterLab color 17.3938, 0.8332, -16.4778.



This preview shows how white text looks on a background with the HunterLab color 17.3938, 0.8332, -16.4778.

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

17.3938, 0.8332, -16.4778

Protanopia

17.5080, 2.3458, -15.5326

Deuteranopia

17.3565, 0.7074, -16.5613



Tritanopia

17.2700, -7.9179, -3.2396

Trichromacy



Original Color

17.3938, 0.8332, -16.4778

Protanomaly

17.3639, 1.8697, -15.8485

Deuteranomaly

17.3565, 0.7074, -16.5613

Tritanomaly

17.1662, -5.0112, -7.8507

Monochromacy



Original Color

17.3938, 0.8332, -16.4778

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.6737, -0.8884, -4.4544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3938, 0.8332, -16.4778 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(26, 49, 82)` looks like.

```
.text, #text, p{  
    color:rgb(26, 49, 82)  
}
```

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(26, 49, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 49, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3938, 0.8332, -16.4778 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(26, 49, 82) }
```


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

```
.border{ border-color:rgb(26, 49, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 49, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 49, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 49, 82);  
box-shadow:4px 4px 4px 4px rgb(26, 49, 82)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3938, 0.8332, -16.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 49, 82) }
```

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

```
.background{ background-color: rgb(26, 49,  
82) }
```

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