

Converting Colors

HunterLab(17.3415, 17.3305,
-17.8524)

Have a look what the booklet for
HunterLab(17.3415, 17.3305,
-17.8524) contains.

HunterLab(17.3003, 17.1687, -17.7839)	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(17.3003, 17.1687,
-17.7839)**

Conversions

Conversions Part 1

Format	Color
Hex	452154
RGB	69, 33, 84
RGB Percent	27%, 13%, 33%
CMY	0.7294, 0.8706, 0.6706
CMYK	0.18, 0.61, 0.00, 0.67
HSL	282°, 44%, 23%
HSV	282°, 61%, 33%
XYZ	4.5983, 2.9930, 8.7228
YIQ	49.5780, 5.0850, 23.4930

Conversions

Conversions Part 2

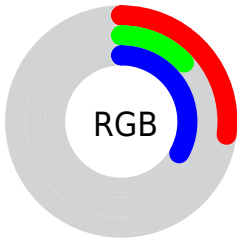
Format	Color
R_{YB}	69, 33, 84
Decimal	4530516
CIE _{Lab}	20.02, 26.95, -24.12
CIE _{LCh}	20, 36.166, 318.169
Yxy	2.9931, 0.2819, 0.1835
Android (android.graphics.Color)	4282720596 (0xFF452154)
YUV	49.5780, 16.9700, 17.0331
Hunter-Lab	17.3003, 17.1687, -17.7839

Details

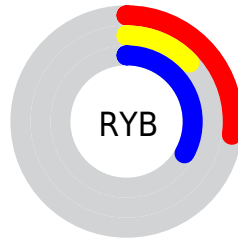
The HunterLab color **17.3003, 17.1687, -17.7839** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **26.6062, -15.2713, 12.9206**, and the grayscale version is **17.6625, -0.9424, 0.9596**.

A 20% lighter version of the original color is **33.5189, 19.6611, -18.8969**, and **6.3851, 13.2287, -13.6574** is the 20% darker color. If you saturate the color by 10%, you get **15.7962, 20.0669, -21.3973**, and if you desaturate by 10%, it is **19.0036, 14.0877, -14.2120**.

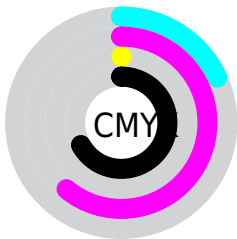
Distribution



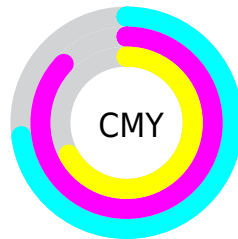
- Red (27%)
- Green (13%)
- Blue (33%)



- Red (27%)
- Yellow (13%)
- Blue (33%)



- Cyan (18%)
- Magenta (61%)
- Yellow (0%)
- Black (67%)



- Cyan (73%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3003, 17.1687, -17.7839 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 17.3003, 17.1687, -17.7839 by changing the saturation by 10% instead.

17.3003, 17.1687,
-17.7839

17.3003, 17.1687,
-17.7839

113.2279, 23.9862,
-20.9842

10.6214, 15.7960,
-17.4978

33.5572, 19.4772,
-18.7958

0.4254, 275.9982,
-262.3550

42.9329, 20.4231,
-19.2814

0.0000, NaN, -NF

53.0486, 21.2497,
-19.7138

0.0000, NaN, NaN

63.8535, 21.9702,
-20.0862

0.0000, NaN, NaN

75.3062, 22.5957,
-20.3978

0.0000, NaN, NaN

87.3720, 23.1353,

0.0000, NaN, NaN

-20.6499

0.0000, NaN, NaN

100.0211, 23.5967,
-20.8445

17.3003, 17.1687,
-17.7839

17.3003, 17.1687,
-17.7839

15.7962, 20.0669,
-21.3973

19.0036, 14.0877,
-14.2120

14.5212, 22.6111,
-24.9025

20.8756, 10.9404,
-10.7670

13.4920, 24.6236,
-28.1138

22.8911, 7.7945,
-7.4827

12.5655, 26.6128,
-31.3675

25.0289, 4.6849,
-4.3643

27.2717, 1.6266,
-1.4018

■ 29.6057, -1.3768,
1.4214

■ 32.0195, -4.3277,
4.1235

■ 34.5042, -7.2316,
6.7221

■ 37.0523, -10.0945,
9.2332

Harmonies

Analogous

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



17.3007, 5.9487, -29.7531



17.3003, 17.1687, -17.7839



17.3007, 24.0806, -3.5560

Triad

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



17.3007, 17.1683, -17.7833



17.3007, 3.4860, 12.1105



17.3007, -16.4193, -6.3154

Complementary

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



17.3003, 17.1687, -17.7839



26.6062, -15.2713, 12.9206

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.



17.3007, -16.7722, 4.4840



17.3003, 17.1687, -17.7839



17.3007, -6.8674, 12.0751

Square

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



17.3007, 17.1683, -17.7833



17.3007, 14.9934, 10.2985



17.3007, -13.7097, 9.6210



17.3007, -12.5900, -20.8219

Rectangle

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



17.3003, 17.1687, -17.7839



17.3007, 24.4246, 3.4915



17.3007, -13.7097, 9.6210



17.3007, -16.9074, -2.0670

Sweetspot

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



17.3007, 17.1683, -17.7833



33.6892, 5.3416, -4.9338



17.6127, 2.5899, -17.3370



16.7705, 3.0984, -2.8844



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



17.3007, 17.1683, -17.7833



20.0261, 28.2169, -30.5458



18.6128, 19.4965, -8.7146



13.8117, 0.5044, -0.4075



15.6800, 33.2980, -39.8327



37.0140, 79.1353, -98.1561

Inverse Universe

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



17.8494, 16.1008, 1.9919



21.1180, 26.3300, 3.9674



26.1533, -16.8478, 10.5953



13.8294, 0.4250, 0.6964



17.5320, 30.5808, 7.0128



41.9340, 72.8157, 19.3254

Previews

White Background



This preview shows how the HunterLab color 17.3003, 17.1687, -17.7839 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 17.3003, 17.1687, -17.7839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

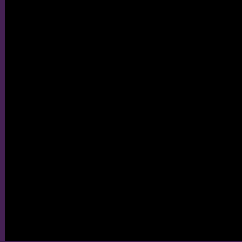
Any Text WCAG AA × Fail

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 17.3003, 17.1687, -17.7839 Background



This preview shows how black text looks on a background with the HunterLab color 17.3003, 17.1687, -17.7839.



This preview shows how white text looks on a background with the HunterLab color 17.3003, 17.1687, -17.7839.

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

17.3003, 17.1687, -17.7839

Protanopia

17.3443, 4.6618, -28.7317

Deuteranopia

17.4697, 1.0027, -15.6375



Tritanopia

17.5025, 4.6952, 1.7570

Trichromacy



Original Color

17.3003, 17.1687, -17.7839

Protanomaly

16.6923, 7.8250, -26.3609

Deuteranomaly

16.9482, 6.4190, -17.3699

Tritanomaly

17.2269, 8.7548, -3.9449

Monochromacy



Original Color

17.3003, 17.1687, -17.7839

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.3753, 5.1130, -4.7552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3003, 17.1687, -17.7839 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, 33, 84)` looks like.

```
.text, #text, p{  
    color:rgb(69, 33, 84)  
}
```

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, 33, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 33, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3003, 17.1687, -17.7839 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, 33, 84) }
```


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

```
.border{ border-color:rgb(69, 33, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 33, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 33, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 33, 84);  
box-shadow:4px 4px 4px 4px rgb(69, 33, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3003, 17.1687, -17.7839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 33, 84) }
```

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

```
.background{ background-color: rgb(69, 33,  
84) }
```

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