

Converting Colors

HunterLab(16.9662, 27.2999,
-26.5796)

Have a look what the booklet for
HunterLab(16.9662, 27.2999,
-26.5796) contains.

HunterLab(16.9663, 27.3717, -26.9003)	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(16.9663, 27.3717,
-26.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	4E125F
RGB	78, 18, 95
RGB Percent	31%, 7%, 37%
CMY	0.6941, 0.9294, 0.6274
CMYK	0.18, 0.81, 0.00, 0.63
HSL	287°, 68%, 22%
HSV	287°, 81%, 37%
XYZ	5.4238, 2.8786, 11.0963
YIQ	44.7180, 11.0430, 36.6670

Conversions

Conversions Part 2

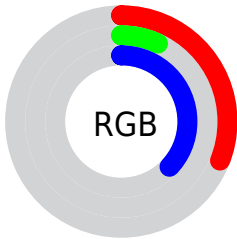
Format	Color
RYB	78, 18, 95
Decimal	5116511
CIELab	19.55, 39.26, -32.12
CIElCh	20, 50.728, 320.709
Yxy	2.8787, 0.2796, 0.1484
Android (android.graphics.Color)	4283306591 (0xFF4E125F)
YUV	44.7180, 24.7890, 29.1883
Hunter-Lab	16.9663, 27.3717, -26.9003

Details

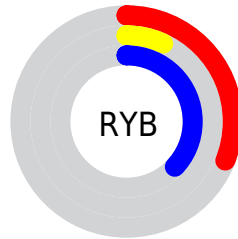
The HunterLab color **16.9663, 27.3717, -26.9003** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **29.3010, -21.4591, 16.5213**, and the grayscale version is **16.0253, -0.8551, 0.8707**.

A 20% lighter version of the original color is **33.0989, 30.8517, -27.7772**, and **7.4396, 15.6089, -17.4276** is the 20% darker color. If you saturate the color by 10%, you get **15.9479, 29.5176, -29.9064**, and if you desaturate by 10%, it is **18.2841, 24.4861, -23.4120**.

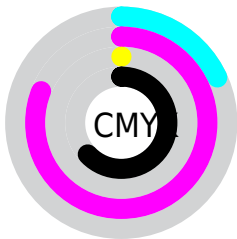
Distribution



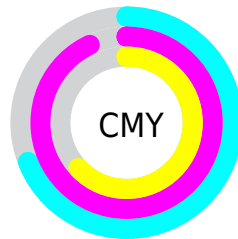
- Red (31%)
- Green (7%)
- Blue (37%)



- Red (31%)
- Yellow (7%)
- Blue (37%)



- Cyan (18%)
- Magenta (81%)
- Yellow (0%)
- Black (63%)



- Cyan (69%)
- Magenta (93%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9663, 27.3717, -26.9003 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 16.9663, 27.3717, -26.9003 by changing the saturation by 10% instead.

■ 16.9663, 27.3717,
-26.9003

■ 16.9663, 27.3717,
-26.9003

■ 112.6017, 38.6532,
-31.2735

■ 10.3379, 25.6855,
-27.2704

■ 33.1401, 30.6692,
-27.7502

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.4800, 32.1420,
-28.3482

0.0000, NaN, NaN

■ 52.5625, 33.4906,
-28.9435

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.3363, 34.7225,
-29.5072

0.0000, NaN, NaN

■ 74.7597, 35.8465,
-30.0262

0.0000, NaN, NaN

■ 86.7977, 36.8713,

0.0000, NaN, NaN

-30.4946

99.4203, 37.8045,
-30.9105

16.9663, 27.3717,
-26.9003

16.9663, 27.3717,
-26.9003

15.9479, 29.5176,
-29.9064

18.2841, 24.4861,
-23.4120

15.1100, 31.3443,
-32.6226

19.8800, 21.0940,
-19.6698

21.7212, 17.4151,
-15.8628

23.7736, 13.6100,
-12.1133

26.0065, 9.7803,
-8.4862

■ 28.3934, 5.9827,
-5.0069

■ 30.9125, 2.2448,
-1.6778

■ 33.5459, -1.4238,
1.5107

■ 36.2791, -5.0232,
4.5735

Harmonies

Analogous

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



16.9666, 10.4325, -49.2867



16.9663, 27.3717, -26.9003



16.9666, 37.5267, -4.0797

Triad

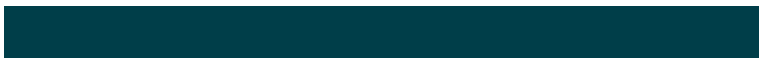
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.9666, 27.3713, -26.8995



16.9666, 3.9602, 11.8767



16.9666, -20.2210, -11.7819

Complementary

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



16.9663, 27.3717, -26.9003



29.3010, -21.4591, 16.5213

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.



16.9666, -20.9055, 4.7535



16.9663, 27.3717, -26.9003



16.9666, -9.8781, 11.8767

Square

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



16.9666, 27.3713, -26.8995



16.9666, 21.2572, 11.8767



16.9666, -17.8467, 11.4894



16.9666, -15.4795, -36.4822

Rectangle

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



16.9663, 27.3717, -26.9003



16.9666, 37.3107, 5.2395



16.9666, -17.8467, 11.4894



16.9666, -20.8495, -4.9467

Sweetspot

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



16.9666, 27.3713, -26.8995



35.9933, 9.6415, -8.1966



14.8819, 9.2804, -33.8008



17.2570, 5.2949, -4.5391



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



16.9666, 27.3713, -26.8995



19.9795, 40.2725, -42.0096



18.3476, 28.0890, -9.4058



16.1327, 0.7433, -0.5028



17.9479, 37.2790, -39.1205



41.0007, 85.5153, -92.1124

Inverse Universe

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



17.2828, 23.8653, 5.6120



20.8319, 35.1390, 9.9779



29.0801, -22.0388, 13.7015



16.1196, 0.5120, 0.9307



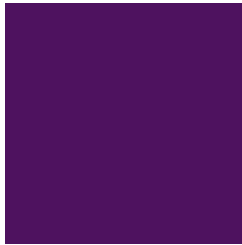
18.7805, 32.5307, 9.2792



43.2771, 74.7056, 23.3739

Previews

White Background



This preview shows how the HunterLab color 16.9663, 27.3717, -26.9003 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 16.9663, 27.3717, -26.9003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

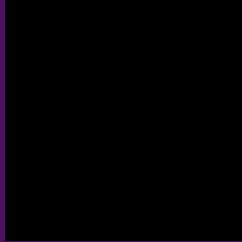
Any Text WCAG AA × Fail

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 16.9663, 27.3717, -26.9003 Background



This preview shows how black text looks on a background with the HunterLab color 16.9663, 27.3717, -26.9003.



This preview shows how white text looks on a background with the HunterLab color 16.9663, 27.3717, -26.9003.

-26.9003.

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

16.9663, 27.3717, -26.9003

Protanopia

17.1847, 4.3786, -30.9315

Deuteranopia

17.2794, -0.2602, -21.0361



Tritanopia

17.4115, 8.4190, 3.0936

Trichromacy



Original Color

16.9663, 27.3717, -26.9003

Protanomaly

15.4611, 11.2076, -34.5886

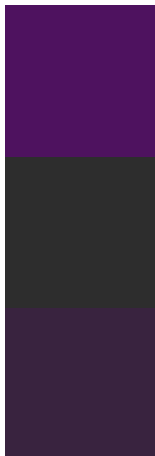
Deuteranomaly

15.4546, 8.3013, -28.3026

Tritanomaly

16.8424, 15.1449, -5.4001

Monochromacy



Original Color

16.9663, 27.3717, -26.9003

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.5910, 9.1870, -8.1153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9663, 27.3717, -26.9003 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(78, 18, 95)` looks like.

```
.text, #text, p{  
    color:rgb(78, 18, 95)  
}
```

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(78, 18, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 18, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9663, 27.3717, -26.9003 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(78, 18, 95) }
```


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

```
.border{ border-color:rgb(78, 18, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 18, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 18, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 18, 95);  
box-shadow:4px 4px 4px 4px rgb(78, 18, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.9663, 27.3717, -26.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 18, 95) }
```

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

```
.background{ background-color: rgb(78, 18,  
95) }
```

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