

# Converting Colors

HunterLab(26.5811, 42.1878,  
-15.9147)

Have a look what the booklet for  
HunterLab(26.5811, 42.1878,  
-15.9147) contains.

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# Color

**HunterLab(26.5717, 42.1599,  
-15.8047)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	871B6E
RGB	135, 27, 110
RGB Percent	53%, 11%, 43%
CMY	0.4706, 0.8941, 0.5686
CMYK	0.00, 0.80, 0.19, 0.47
HSL	314°, 67%, 32%
HSV	314°, 80%, 53%
XYZ	13.1981, 7.0606, 15.4191
YIQ	68.7540, 37.7250, 48.7090

# Conversions

## Conversions Part 2

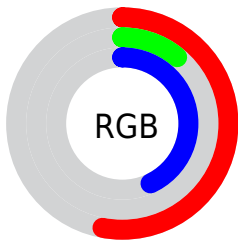
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 27, 110
Decimal	8854382
CIE <sub>Lab</sub>	31.95, 52.26, -21.58
CIE <sub>LCh</sub>	32, 56.540, 337.559
Yxy	7.0609, 0.3699, 0.1979
Android (android.graphics.Color)	4287044462 (0xFF871B6E)
YUV	68.7540, 20.3343, 58.0977
Hunter-Lab	26.5717, 42.1599, -15.8047

# Details

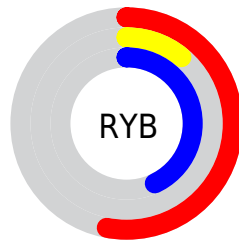
The HunterLab color **26.5717, 42.1599, -15.8047** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **42.2009, -32.6697, 20.8665**, and the grayscale version is **24.2308, -1.2929, 1.3165**.

A 20% lighter version of the original color is **44.7500, 46.0501, -16.9079**, and **14.4815, 27.2016, -9.2594** is the 20% darker color. If you saturate the color by 10%, you get **25.5163, 44.8158, -15.7336**, and if you desaturate by 10%, it is **28.1034, 38.1874, -15.0520**.

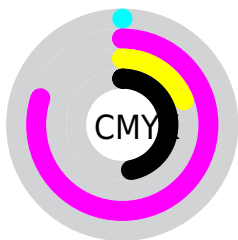
# Distribution



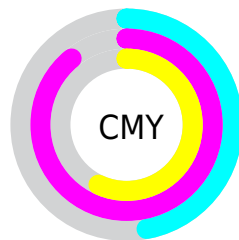
- Red (53%)
- Green (11%)
- Blue (43%)



- Red (53%)
- Yellow (11%)
- Blue (43%)



- Cyan (0%)
- Magenta (80%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (89%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.5717, 42.1599, -15.8047 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 26.5717, 42.1599, -15.8047 by changing the saturation by 10% instead.



26.5717, 42.1599,  
-15.8047

26.5717, 42.1599,  
-15.8047

129.6799, 56.3324,  
-17.8632

18.7089, 40.1826,  
-15.3122

44.8282, 46.0157,  
-16.6832

11.8242, 38.4446,  
-14.8958

55.0804, 47.7989,  
-17.0326

4.6405, 55.5587,  
-21.9478

66.0132, 49.4723,  
-17.3178

0.0000, INF, -NF

0.0000, NaN, NaN

77.5868, 51.0382,  
-17.5405

0.0000, NaN, NaN

89.7672, 52.5014,  
-17.7034

0.0000, NaN, NaN

0.0000, NaN, NaN

102.5258, 53.8677,

-17.8095

0.0000, NaN, NaN

115.8374, 55.1428,  
-17.8619

26.5717, 42.1599,  
-15.8047

26.5717, 42.1599,  
-15.8047

25.5163, 44.8158,  
-15.7336

28.1034, 38.1874,  
-15.0520

24.7901, 46.4634,  
-15.0751

30.0944, 33.2101,  
-13.5780

24.7897, 46.4642,  
-15.0748

32.5066, 27.5768,  
-11.5359

35.2909, 21.5897,  
-9.0837

38.3974, 15.4666,  
-6.3529

■ 41.7803, 9.3450,  
-3.4417

■ 45.4003, 3.3012,  
-0.4174

■ 49.2242, -2.6294,  
2.6759

■ 53.2249, -8.4358,  
5.8107

# Harmonies

## Analogous

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



26.5724, 25.1074, -44.3203



26.5717, 42.1599, -15.8047



26.5724, 46.1089, 5.6727

# Triad

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



26.5724, 42.1581, -15.8036



26.5724, -6.1138, 18.6007



26.5724, -24.8500, -30.1997

# Complementary

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



26.5717, 42.1599, -15.8047



42.2009, -32.6697, 20.8665

# 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.



26.5724, -29.0510, -3.6132



26.5717, 42.1599, -15.8047



26.5724, -20.4224, 17.0006

# Square

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



26.5724, 42.1581, -15.8036



26.5724, 14.2321, 18.1608



26.5724, -27.7001, 11.6801



26.5724, -14.1203, -55.9883



# Rectangle

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



26.5717, 42.1599, -15.8047



26.5724, 39.9841, 13.1219



26.5724, -27.7001, 11.6801



26.5724, -26.9098, -20.5361

# Sweetspot

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



26.5724, 42.1581, -15.8036



53.8120, 16.2185, -6.3988



17.9497, 29.2567, -64.1406



25.2203, 9.0396, -3.6630



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223



# Same Dimension

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



26.5724, 42.1581, -15.8036



33.4348, 61.4724, -20.1885



24.9732, 35.9043, 6.6378



21.7828, 1.3206, -0.0698



23.8092, 44.6338, -14.5355



1.4405, 2.7650, -1.3802



# Inverse Universe

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



26.5724, 42.1581, -15.8036



33.4348, 61.4724, -20.1885



43.0916, -27.2125, 7.9088



21.7828, 1.3206, -0.0698



23.8092, 44.6338, -14.5355



1.4405, 2.7650, -1.3802



# Previews

## White Background



This preview shows how the HunterLab color 26.5717, 42.1599, -15.8047 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 26.5717, 42.1599, -15.8047 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

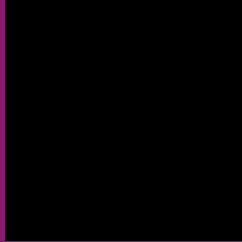
Any Text WCAG AA × Fail

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 26.5717, 42.1599, -15.8047 Background



This preview shows how black text looks on a background with the HunterLab color 26.5717, 42.1599, -15.8047.



This preview shows how white text looks on a background with the HunterLab color 26.5717, 42.1599, -15.8047.

-15.8047.

# 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

26.5717, 42.1599, -15.8047

### Protanopia

27.1583, 8.0358, -44.2890

### Deuteranopia

27.2646, 1.6339, -11.6514



## Tritanopia

26.8149, 25.7927, 9.7914

# Trichromacy



**Original Color**

26.5717, 42.1599, -15.8047

**Protanomaly**

24.4685, 18.2016, -39.2555

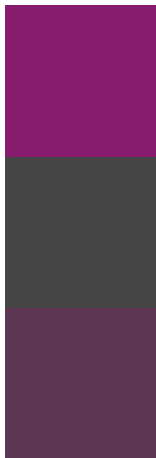
**Deuteranomaly**

25.2861, 16.6616, -16.0996

**Tritanomaly**

26.4054, 31.6064, 2.6709

# Monochromacy



**Original Color**

26.5717, 42.1599, -15.8047

**Achromatopsia**

24.3949, -1.3017, 1.3254

**Achromatomaly**

23.6761, 14.6105, -6.1592

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.5717, 42.1599, -15.8047 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(135, 27, 110)` looks like.

```
.text, #text, p{  
    color:rgb(135, 27, 110)  
}
```

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(135, 27, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 27, 110) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.5717, 42.1599, -15.8047 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(135, 27, 110) }
```



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

```
.border{ border-color:rgb(135, 27, 110) }
```

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

Here you see how a box with a 4 pixel rgb(135, 27, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 27, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 27, 110);  
box-shadow:4px 4px 4px 4px rgb(135, 27,  
110) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.5717, 42.1599, -15.8047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 27, 110) }
```

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

```
.background{ background-color: rgb(135, 27,  
110) }
```

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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