

# Converting Colors

HunterLab(26.5282, 42.8526,  
-20.5134)

Have a look what the booklet for  
HunterLab(26.5282, 42.8526,  
-20.5134) contains.

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# Color

**HunterLab(26.5608, 42.7369,  
-20.4529)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	851B75
RGB	133, 27, 117
RGB Percent	52%, 11%, 46%
CMY	0.4784, 0.8941, 0.5412
CMYK	0.00, 0.80, 0.12, 0.48
HSL	309°, 66%, 31%
HSV	309°, 80%, 52%
XYZ	13.2757, 7.0548, 17.4916
YIQ	68.9540, 34.2860, 50.4620

# Conversions

## Conversions Part 2

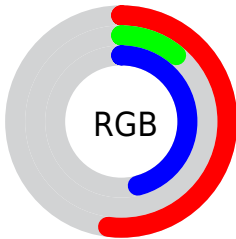
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 27, 117
Decimal	8723317
CIE <sub>Lab</sub>	31.93, 52.82, -26.08
CIE <sub>LCh</sub>	32, 58.910, 333.721
Yxy	7.0551, 0.3510, 0.1865
Android (android.graphics.Color)	4286913397 (0xFF851B75)
YUV	68.9540, 23.6867, 56.1683
Hunter-Lab	26.5608, 42.7369, -20.4529

# Details

The HunterLab color **26.5608, 42.7369, -20.4529** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41.4521, -32.5974, 21.7020**, and the grayscale version is **24.2906, -1.2961, 1.3198**.

A 20% lighter version of the original color is **44.7482, 46.6177, -21.3444**, and **14.4209, 27.5902, -13.1155** is the 20% darker color. If you saturate the color by 10%, you get **25.5548, 45.5265, -21.0825**, and if you desaturate by 10%, it is **28.0304, 38.6506, -18.9727**.

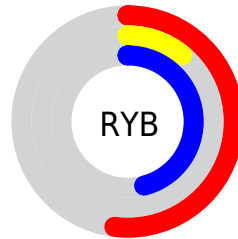
# Distribution



Red (52%)

Green (11%)

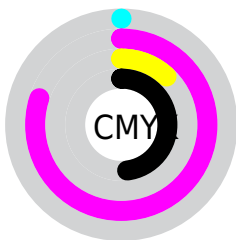
Blue (46%)



Red (52%)

Yellow (11%)

Blue (46%)

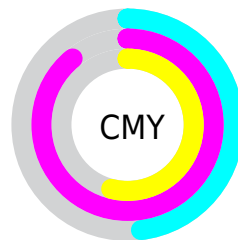


Cyan (0%)

Magenta (80%)

Yellow (12%)

Black (48%)



Cyan (48%)

Magenta (89%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.5608, 42.7369, -20.4529 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 26.5608, 42.7369, -20.4529 by changing the saturation by 10% instead.



26.5608, 42.7369,  
-20.4529

26.5608, 42.7369,  
-20.4529

129.6614, 57.0714,  
-23.6133

18.6992, 40.7524,  
-19.9498

44.8152, 46.6236,  
-21.5113

11.8159, 39.0231,  
-19.6737

55.0664, 48.4250,  
-21.9820

4.6248, 56.5545,  
-29.0740

65.9984, 50.1173,  
-22.3966

0.0000, INF, -NF

0.0000, NaN, NaN

77.5711, 51.7023,  
-22.7526

0.0000, NaN, NaN

89.7508, 53.1845,  
-23.0505

0.0000, NaN, NaN

0.0000, NaN, NaN

102.5087, 54.5697,

-23.2918

0.0000, NaN, NaN

115.8196, 55.8635,  
-23.4787

26.5608, 42.7369,  
-20.4529

26.5608, 42.7369,  
-20.4529

25.5548, 45.5265,  
-21.0825

28.0304, 38.6506,  
-18.9727

24.8743, 47.2985,  
-21.0721

29.9488, 33.5713,  
-16.7793

24.8538, 47.3529,  
-21.0713

32.2807, 27.8419,  
-14.0532

34.9795, 21.7625,  
-10.9687

37.9972, 15.5517,  
-7.6651

■ 41.2891, 9.3484,  
-4.2409

■ 44.8167, 3.2306,  
-0.7603

■ 48.5473, -2.7653,  
2.7382

■ 52.4540, -8.6282,  
6.2329

# Harmonies

## Analogous

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



26.5615, 23.5476, -50.7110



26.5608, 42.7369, -20.4529



26.5615, 49.0309, 3.7175

# Triad

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



26.5615, 42.7353, -20.4518



26.5615, -3.8746, 18.5930



26.5615, -26.4780, -28.0302

# Complementary

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



26.5608, 42.7369, -20.4529



41.4521, -32.5974, 21.7020

# 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.



26.5615, -29.9783, -1.0461



26.5608, 42.7369, -20.4529



26.5615, -19.6100, 17.6477

# Square

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



26.5615, 42.7353, -20.4518



26.5615, 17.8929, 18.2444



26.5615, -27.8989, 13.0960



26.5615, -16.4214, -56.9271



# Rectangle

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



26.5608, 42.7369, -20.4529



26.5615, 43.8865, 12.3716



26.5615, -27.8989, 13.0960



26.5615, -28.2988, -17.9407

# Sweetspot

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



26.5615, 42.7353, -20.4518



53.0738, 16.5275, -7.9118



17.2892, 27.7466, -64.9586



24.5604, 9.0479, -4.4166



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714



# Same Dimension

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



26.5615, 42.7353, -20.4518



33.5070, 62.6335, -28.0317



24.7833, 35.8087, 4.2569



21.7970, 1.3968, -0.2716



24.2584, 46.2216, -20.5905



1.4560, 2.8193, -1.5851



# Inverse Universe

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



26.5615, 42.7353, -20.4518



33.5070, 62.6335, -28.0317



42.2505, -27.6911, 10.0534



21.7970, 1.3968, -0.2716



24.2584, 46.2216, -20.5905



1.4560, 2.8193, -1.5851



# Previews

## White Background



This preview shows how the HunterLab color 26.5608, 42.7369, -20.4529 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 26.5608, 42.7369, -20.4529 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

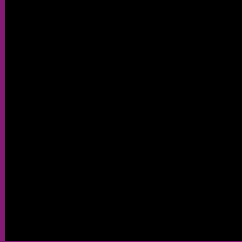
Any Text WCAG AA × Fail

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 26.5608, 42.7369, -20.4529 Background



This preview shows how black text looks on a background with the HunterLab color 26.5608, 42.7369, -20.4529.



This preview shows how white text looks on a background with the HunterLab color 26.5608, 42.7369, -20.4529.



# 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

26.5608, 42.7369, -20.4529

### Protanopia

27.1488, 9.0971, -52.7740

### Deuteranopia

27.1135, 1.5901, -15.5233



## Tritanopia

26.7320, 24.0130, 9.1519

# Trichromacy



## Original Color

26.5608, 42.7369, -20.4529

## Protanomaly

23.6840, 17.0516, -49.1720

## Deuteranomaly

25.0860, 16.7109, -21.1735

## Tritanomaly

26.1895, 30.6461, 0.7792

# Monochromacy



## Original Color

26.5608, 42.7369, -20.4529

## Achromatopsia

24.3949, -1.3017, 1.3254

## Achromatomaly

23.6337, 14.6260, -7.2678

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.5608, 42.7369, -20.4529 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(133, 27, 117)` looks like.

```
.text, #text, p{  
    color:rgb(133, 27, 117)  
}
```

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(133, 27, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 27, 117) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.5608, 42.7369, -20.4529 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(133, 27, 117) }
```



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

```
.border{ border-color:rgb(133, 27, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 27, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 27, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 27, 117); box-shadow:4px 4px 4px 4px rgb(133, 27, 117) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.5608, 42.7369, -20.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 27, 117) }
```

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

```
.background{ background-color: rgb(133, 27,  
117) }
```

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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