

# Converting Colors

HunterLab(26.9912, 29.8499,  
-30.7883)

Have a look what the booklet for  
HunterLab(26.9912, 29.8499,  
-30.7883) contains.

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# Color

**HunterLab(26.9904, 29.8492,  
-30.7998)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D3384
RGB	109, 51, 132
RGB Percent	43%, 20%, 52%
CMY	0.5725, 0.8000, 0.4824
CMYK	0.17, 0.61, 0.00, 0.48
HSL	283°, 44%, 36%
HSV	283°, 61%, 52%
XYZ	11.6554, 7.2848, 22.6216
YIQ	77.5760, 8.5670, 37.4870

# Conversions

## Conversions Part 2

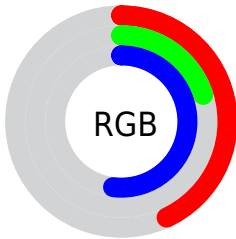
Format	Color
<a href="#">RYB</a>	<a href="#">109, 51, 132</a>
Decimal	<a href="#">7156612</a>
CIELab	<a href="#">32.45, 39.59, -34.92</a>
CIElCh	<a href="#">32, 52.790, 318.579</a>
Yxy	<a href="#">7.2851, 0.2804, 0.1753</a>
Android (android.graphics.Color)	<a href="#">4285346692 (0xFF6D3384)</a>
YUV	<a href="#">77.5760, 26.8310, 27.5588</a>
Hunter-Lab	<a href="#">26.9904, 29.8492, -30.7998</a>

# Details

The HunterLab color  $26.9904, 29.8492, -30.7998$  is a dark color, and the websafe version is hex  $663399$ . A complement of this color would be  $42.6586, -25.8081, 21.4808$ , and the grayscale version is  $27.3542, -1.4596, 1.4862$ .

A 20% lighter version of the original color is  $45.4302, 32.9514, -32.0558$ , and  $12.2831, 25.9946, -30.5081$  is the 20% darker color. If you saturate the color by 10%, you get  $24.6134, 34.5767, -36.8131$ , and if you desaturate by 10%, it is  $29.7485, 24.6695, -24.7452$ .

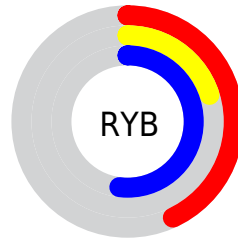
# Distribution



Red (43%)

Green (20%)

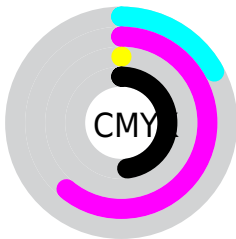
Blue (52%)



Red (43%)

Yellow (20%)

Blue (52%)

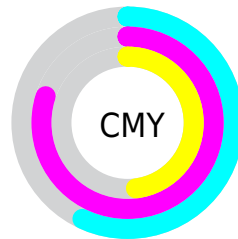


Cyan (17%)

Magenta (61%)

Yellow (0%)

Black (48%)



Cyan (57%)

Magenta (80%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.9904, 29.8492, -30.7998 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 26.9904, 29.8492, -30.7998 by changing the saturation by 10% instead.



26.9904, 29.8492,  
-30.7998

26.9904, 29.8492,  
-30.7998

130.3887, 40.0433,  
-35.5190

19.0815, 28.1625,  
-30.4911

45.3261, 32.8717,  
-31.9579

12.1444, 26.4421,  
-30.8429

55.6135, 34.1983,  
-32.5840

5.2052, 34.9431,  
-42.4235

66.5795, 35.4105,  
-33.1866

0.0000, INF, -NF

0.0000, NaN, -NF

78.1842, 36.5173,  
-33.7503

0.0000, NaN, NaN

90.3944, 37.5269,  
-34.2677

0.0000, NaN, NaN

0.0000, NaN, NaN

103.1813, 38.4468,

-34.7354

0.0000, NaN, NaN

116.5201, 39.2836,  
-35.1524

■ 26.9904, 29.8492,  
-30.7998

■ 26.9904, 29.8492,  
-30.7998

■ 24.6134, 34.5767,  
-36.8131

■ 29.7485, 24.6695,  
-24.7452

■ 22.6722, 38.4848,  
-42.4431

■ 32.8289, 19.3008,  
-18.8585

■ 21.2081, 41.1610,  
-47.2396

■ 36.1815, 13.9006,  
-13.2342

■ 20.1822, 42.8169,  
-50.9449

■ 39.7637, 8.5523,  
-7.8978

■ 43.5412, 3.2927,  
-2.8383

■ 47.4865, -1.8678,  
1.9721

■ 51.5778, -6.9324,  
6.5665

■ 55.7973, -11.9105,  
10.9771

■ 60.1310, -16.8139,  
15.2335

# Harmonies

## Analogous

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



26.9910, 10.5385, -52.3497



26.9904, 29.8492, -30.7998



26.9910, 41.7306, -5.9251

# Triad

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



26.9910, 29.8486, -30.7988



26.9910, 5.7850, 18.2488



26.9910, -27.1021, -11.3184

# Complementary

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



26.9904, 29.8492, -30.7998



42.6586, -25.8081, 21.4808

# 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.



26.9910, -27.7440, 7.2263



26.9904, 29.8492, -30.7998



26.9910, -11.6393, 17.9868

# Square

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



26.9910, 29.8486, -30.7988



26.9910, 25.5908, 16.3565



26.9910, -22.8587, 15.4606



26.9910, -20.7889, -36.8982



# Rectangle

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



26.9904, 29.8492, -30.7998



26.9910, 42.1970, 5.9474



26.9910, -22.8587, 15.4606



26.9910, -27.9128, -3.9383

# Sweetspot

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



26.9910, 29.8486, -30.7988



54.2336, 9.2710, -8.4575



27.2819, 5.0364, -30.5425



25.5622, 5.3365, -4.9205



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.



26.9910, 29.8486, -30.7988



31.4870, 48.2816, -52.1599



29.2057, 33.4807, -14.8373



21.6753, 1.0410, -0.8516



19.8661, 42.1407, -50.1028



1.3180, 2.6811, -2.4350



# Inverse Universe

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



27.8709, 27.6692, 3.8759



33.2534, 44.5377, 7.6279



41.9693, -28.2106, 17.8207



21.6999, 0.8753, 1.1097



22.0973, 38.4446, 9.6092



1.3432, 2.4184, -0.0478



# Previews

## White Background



This preview shows how the HunterLab color 26.9904, 29.8492, -30.7998 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 26.9904, 29.8492, -30.7998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

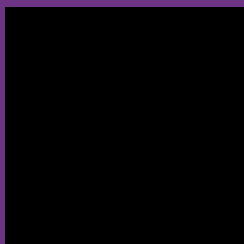
Any Text WCAG AA × Fail

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 26.9904, 29.8492, -30.7998 Background



This preview shows how black text looks on a background with the HunterLab color 26.9904, 29.8492, -30.7998.



This preview shows how white text looks on a background with the HunterLab color 26.9904, 29.8492, -30.7998.

-30.7998.

# 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

26.9904, 29.8492, -30.7998

### Protanopia

27.2077, 9.0295, -50.6534

### Deuteranopia

27.1992, 2.0603, -26.9723



## Tritanopia

27.0640, 8.8660, 3.0230

# Trichromacy



## Original Color

26.9904, 29.8492, -30.7998

## Protanomaly

25.9482, 13.9631, -46.8393

## Deuteranomaly

26.3594, 10.8453, -30.2829

## Tritanomaly

26.7151, 15.6316, -6.7668

# Monochromacy



## Original Color

26.9904, 29.8492, -30.7998

## Achromatopsia

27.6017, -1.4728, 1.4997

## Achromatomaly

26.7207, 9.2963, -9.0119

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.9904, 29.8492, -30.7998 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(109, 51, 132)` looks like.

```
.text, #text, p{  
    color:rgb(109, 51, 132)  
}
```

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(109, 51, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 51, 132) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.9904, 29.8492, -30.7998 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(109, 51, 132) }
```



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

```
.border{ border-color:rgb(109, 51, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 51, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 51, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 51, 132);  
box-shadow:4px 4px 4px 4px rgb(109, 51,  
132) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.9904, 29.8492, -30.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 51, 132) }
```

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

```
.background{ background-color: rgb(109, 51,  
132) }
```

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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