

# Converting Colors

HunterLab(26.3022, 41.2432,  
-36.5638)

Have a look what the booklet for  
HunterLab(26.3022, 41.2432,  
-36.5638) contains.

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# Color

**HunterLab(26.2430, 41.1718,  
-36.5785)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	782189
RGB	120, 33, 137
RGB Percent	47%, 13%, 54%
CMY	0.5294, 0.8706, 0.4627
CMYK	0.12, 0.76, 0.00, 0.46
HSL	290°, 61%, 33%
HSV	290°, 76%, 54%
XYZ	12.8050, 6.8870, 24.3214
YIQ	70.8690, 18.4680, 50.7880

# Conversions

## Conversions Part 2

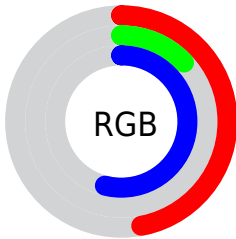
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 33, 137
Decimal	7872905
CIE <sub>Lab</sub>	31.55, 51.37, -39.37
CIE <sub>LCh</sub>	32, 64.722, 322.534
Yxy	6.8872, 0.2909, 0.1565
Android (android.graphics.Color)	4286062985 (0xFF782189)
YUV	70.8690, 32.6026, 43.0879
Hunter-Lab	26.2430, 41.1718, -36.5785

# Details

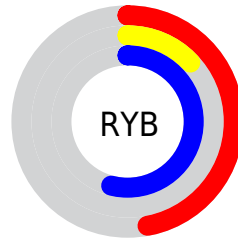
The HunterLab color **26.2430, 41.1718, -36.5785** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **43.2198, -32.1210, 24.0953**, and the grayscale version is **24.9399, -1.3307, 1.3550**.

A 20% lighter version of the original color is **44.3756, 44.9936, -37.7247**, and **13.6571, 28.3078, -29.3103** is the 20% darker color. If you saturate the color by 10%, you get **24.7329, 44.7111, -40.7121**, and if you desaturate by 10%, it is **28.2325, 36.4543, -31.6674**.

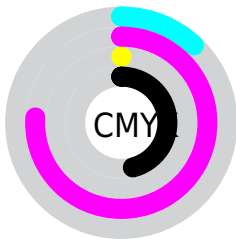
# Distribution



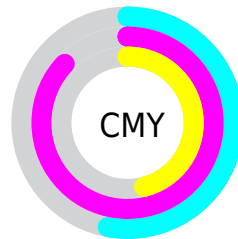
- Red (47%)
- Green (13%)
- Blue (54%)



- Red (47%)
- Yellow (13%)
- Blue (54%)



- Cyan (12%)
- Magenta (76%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (87%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.2430, 41.1718, -36.5785 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 26.2430, 41.1718, -36.5785 by changing the saturation by 10% instead.



26.2430, 41.1718,  
-36.5785

26.2430, 41.1718,  
-36.5785

129.1214, 55.1232,  
-41.7583

18.4165, 39.2104,  
-36.5516

44.4365, 44.9859,  
-37.6155

11.5736, 37.4802,  
-37.6025

54.6608, 46.7446,  
-38.2748

4.1408, 59.9143,  
-62.8793

65.5675, 48.3926,  
-38.9401

0.0000, INF, -NF

0.0000, NaN, -NF

77.1163, 49.9326,  
-39.5846

0.0000, NaN, NaN

89.2733, 51.3697,  
-40.1944

0.0000, NaN, NaN

102.0095, 52.7100,

0.0000, NaN, NaN

-40.7621

0.0000, NaN, NaN

115.2996, 53.9593,  
-41.2839

■ 26.2430, 41.1718,  
-36.5785

■ 26.2430, 41.1718,  
-36.5785

■ 24.7329, 44.7111,  
-40.7121

■ 28.2325, 36.4543,  
-31.6674

■ 23.6816, 46.8619,  
-43.8409

■ 30.6615, 30.9552,  
-26.3295

■ 23.2903, 47.6401,  
-45.0638

■ 33.4785, 25.0244,  
-20.8467

■ 36.6297, 18.9163,  
-15.4061

■ 40.0660, 12.7903,  
-10.1104

■ 43.7452, 6.7340,  
-5.0036

■ 47.6326, 0.7878,  
-0.0945

■ 51.6997, -5.0358,  
4.6271

■ 55.9234, -10.7394,  
9.1799

# Harmonies

## Analogous

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



26.2436, 16.7989, -69.2285



26.2430, 41.1718, -36.5785



26.2436, 54.8842, -4.3383

# Triad

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



26.2436, 41.1710, -36.5773



26.2436, 4.3071, 18.3705



26.2436, -30.1032, -19.0708

# Complementary

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



26.2430, 41.1718, -36.5785



43.2198, -32.1210, 24.0953

# 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.



26.2436, -31.4966, 6.1257



26.2430, 41.1718, -36.5785



26.2436, -15.6896, 18.3705

# Square

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



26.2436, 41.1710, -36.5773



26.2436, 29.5009, 17.8929



26.2436, -27.1911, 15.9914



26.2436, -22.4469, -54.5453



# Rectangle

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



26.2430, 41.1718, -36.5785



26.2436, 53.7715, 8.7299



26.2436, -27.1911, 15.9914



26.2436, -31.1888, -8.8569

# Sweetspot

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



26.2436, 41.1710, -36.5773



54.7717, 15.1578, -11.8641



21.0704, 16.4786, -53.3247



25.2204, 8.4021, -6.6604



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.



26.2436, 41.1710, -36.5773



32.0584, 62.0037, -57.5452



27.1520, 39.7586, -10.2127



22.5573, 1.3170, -0.8117



22.4880, 45.9925, -43.4617



1.9674, 3.9373, -3.1322



# Inverse Universe

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



25.7617, 34.1584, 9.5265



31.7307, 51.8634, 16.2583



43.1604, -31.6655, 18.6007



22.4968, 0.8112, 1.4480



22.3847, 38.5876, 12.5017



1.8638, 3.2898, 0.4445



# Previews

## White Background



This preview shows how the HunterLab color 26.2430, 41.1718, -36.5785 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 26.2430, 41.1718, -36.5785 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

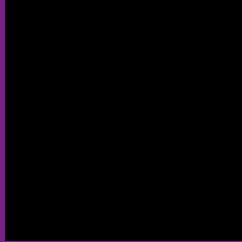
Any Text WCAG AA × Fail

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 26.2430, 41.1718, -36.5785 Background



This preview shows how black text looks on a background with the HunterLab color 26.2430, 41.1718, -36.5785.



This preview shows how white text looks on a background with the HunterLab color 26.2430, 41.1718, -36.5785.



# 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

26.2430, 41.1718, -36.5785

### Protanopia

26.6424, 8.4169, -51.4703

### Deuteranopia

26.6532, 1.8503, -30.5235



## Tritanopia

26.3218, 14.9727, 5.2166

# Trichromacy



## Original Color

26.2430, 41.1718, -36.5785

## Protanomaly

23.8741, 17.2646, -54.5654

## Deuteranomaly

24.5947, 15.2345, -38.0719

## Tritanomaly

25.7176, 24.1824, -6.5476

# Monochromacy



## Original Color

26.2430, 41.1718, -36.5785

## Achromatopsia

25.1018, -1.3394, 1.3638

## Achromatomaly

24.2411, 13.8979, -11.2993

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.2430, 41.1718, -36.5785 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(120, 33, 137)` looks like.

```
.text, #text, p{  
    color:rgb(120, 33, 137)  
}
```

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(120, 33, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 33, 137) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.2430, 41.1718, -36.5785 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(120, 33, 137) }
```



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

```
.border{ border-color:rgb(120, 33, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 33, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 33, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 33, 137);  
box-shadow:4px 4px 4px 4px rgb(120, 33,  
137) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.2430, 41.1718, -36.5785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 33, 137) }
```

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

```
.background{ background-color: rgb(120, 33,  
137) }
```

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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