

# Converting Colors

HunterLab(26.3633, 52.5924,  
-40.6730)

Have a look what the booklet for  
HunterLab(26.3633, 52.5924,  
-40.6730) contains.

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# Color

**HunterLab(26.3430, 52.5267,  
-40.4459)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85008E
RGB	133, 0, 142
RGB Percent	52%, 0%, 56%
CMY	0.4784, 1.0000, 0.4431
CMYK	0.06, 1.00, 0.00, 0.44
HSL	296°, 100%, 28%
HSV	296°, 100%, 56%
XYZ	14.5553, 6.9395, 26.1635
YIQ	55.9550, 33.6860, 72.3580

# Conversions

## Conversions Part 2

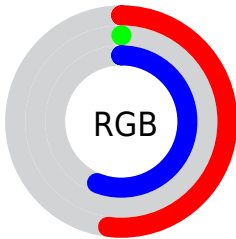
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 0, 142
Decimal	8716430
CIE <sub>Lab</sub>	31.67, 62.03, -42.15
CIE <sub>LCh</sub>	32, 75.000, 325.805
Yxy	6.9398, 0.3054, 0.1456
Android (android.graphics.Color)	4286906510 (0xFF85008E)
YUV	55.9550, 42.4202, 67.5685
Hunter-Lab	26.3430, 52.5267, -40.4459

# Details

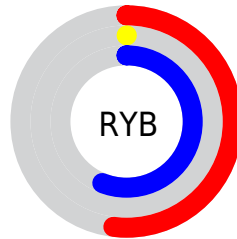
The HunterLab color **26.3430, 52.5267, -40.4459** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **44.0502, -37.4337, 26.4878**, and the grayscale version is **19.7248, -1.0525, 1.0717**.

A 20% lighter version of the original color is **44.5311, 56.9453, -41.0964**, and **15.4111, 31.2931, -28.0338** is the 20% darker color. If you saturate the color by 10%, you get **26.3431, 52.5268, -40.4458**, and if you desaturate by 10%, it is **27.0794, 50.5517, -38.4605**.

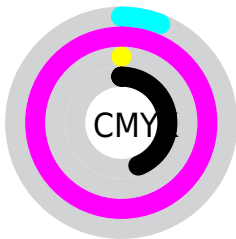
# Distribution



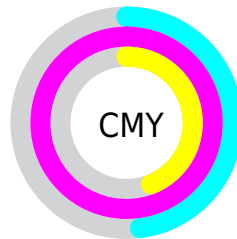
- Red (52%)
- Green (0%)
- Blue (56%)



- Red (52%)
- Yellow (0%)
- Blue (56%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.3430, 52.5267, -40.4459 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 26.3430, 52.5267, -40.4459 by changing the saturation by 10% instead.



26.3430, 52.5267,  
-40.4459

26.3430, 52.5267,  
-40.4459

129.2915, 69.3305,  
-45.7919

18.5054, 50.4963,  
-40.6134

44.5557, 56.8363,  
-41.3686

11.6498, 49.0419,  
-42.1012

54.7885, 58.9118,  
-42.0324

4.2992, 75.7996,  
-68.8609

65.7032, 60.8937,  
-42.7224

0.0000, INF, -NF

0.0000, NaN, -NF

77.2595, 62.7754,  
-43.4046

0.0000, NaN, NaN

89.4237, 64.5565,  
-44.0608

0.0000, NaN, NaN

102.1667, 66.2400,

0.0000, NaN, NaN

-44.6806

0.0000, NaN, NaN

115.4633, 67.8298,  
-45.2586

26.3430, 52.5267,  
-40.4459

26.3430, 52.5267,  
-40.4459

26.3431, 52.5268,  
-40.4458

27.0794, 50.5517,  
-38.4605

28.1735, 47.4254,  
-35.6651

29.7687, 42.8678,  
-31.8761

31.8515, 37.2183,  
-27.3586

34.3824, 30.8666,  
-22.4036

■ 37.3103, 24.1486,  
-17.2540

■ 40.5825, 17.3059,  
-12.0784

■ 44.1505, 10.4896,  
-6.9777

■ 47.9722, 3.7822,  
-2.0024

# Harmonies

## Analogous

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



26.3436, 23.4621, -84.3435



26.3430, 52.5267, -40.4459



26.3436, 67.3281, -2.2042

# Triad

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



26.3436, 52.5255, -40.4445



26.3436, 2.2696, 18.4405



26.3436, -32.5752, -27.9490

# Complementary

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



26.3430, 52.5267, -40.4459



44.0502, -37.4337, 26.4878

# 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.



26.3436, -34.6050, 4.6174



26.3430, 52.5267, -40.4459



26.3436, -19.5059, 18.4405

# Square

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



26.3436, 52.5255, -40.4445



26.3436, 32.1271, 18.4405



26.3436, -30.8963, 16.4812



26.3436, -23.6561, -73.4523



# Rectangle

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



26.3430, 52.5267, -40.4459



26.3436, 64.1595, 11.2238



26.3436, -30.8963, 16.4812



26.3436, -33.8956, -14.6590

# Sweetspot

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



26.3436, 52.5255, -40.4445



53.6047, 23.5545, -16.4707



14.6927, 34.8556, -93.6055



24.5573, 12.7185, -8.9805



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734



# Same Dimension

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



26.3436, 52.5255, -40.4445



34.9435, 69.6973, -53.8180



25.1738, 45.4372, -1.7830



23.4390, 1.5751, -0.7794



24.9673, 49.7803, -38.3075



2.5100, 4.9664, -3.5555



# Inverse Universe

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



24.0224, 41.2190, 14.8856



31.8852, 54.6849, 19.9796



44.3722, -35.2911, 20.7227



23.3008, 0.7589, 1.7566



22.7643, 39.0670, 14.0705



2.2456, 3.8930, 1.0843



# Previews

## White Background



This preview shows how the HunterLab color 26.3430, 52.5267, -40.4459 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 26.3430, 52.5267, -40.4459 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

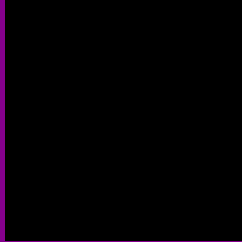
Any Text WCAG AA × Fail

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 26.3430, 52.5267, -40.4459 Background



This preview shows how black text looks on a background with the HunterLab color 26.3430, 52.5267, -40.4459.



This preview shows how white text looks on a background with the HunterLab color 26.3430, 52.5267, -40.4459.

-40.4459.

# 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

26.3430, 52.5267, -40.4459

### Protanopia

27.3875, 8.6940, -52.9998

### Deuteranopia

27.4360, 2.2177, -31.7957



## Tritanopia

27.1395, 20.8958, 7.7498

# Trichromacy



## Original Color

26.3430, 52.5267, -40.4459

## Protanomaly

22.3814, 24.1838, -64.4780

## Deuteranomaly

23.2958, 22.4810, -45.4862

## Tritanomaly

25.5185, 33.8866, -6.1563

# Monochromacy



## Original Color

26.3430, 52.5267, -40.4459

## Achromatopsia

19.8862, -1.0611, 1.0805

## Achromatomaly

19.5824, 20.4898, -14.8752

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.3430, 52.5267, -40.4459 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, 0, 142)` looks like.

```
.text, #text, p{  
    color:rgb(133, 0, 142)  
}
```

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, 0, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 0, 142) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.3430, 52.5267, -40.4459 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, 0, 142) }
```



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

```
.border{ border-color:rgb(133, 0, 142) }
```

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

Here you see how a box with a 4 pixel rgb(133, 0, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 0, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 0, 142);  
box-shadow:4px 4px 4px 4px rgb(133, 0,  
142) }
```

# Background

The CSS property to change the background color of an element to HunterLab 26.3430, 52.5267, -40.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 0, 142) }
```

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

```
.background{ background-color: rgb(133, 0,  
142) }
```

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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