

# Converting Colors

HunterLab(25.4043, 50.8055,  
-40.1721)

Have a look what the booklet for  
HunterLab(25.4043, 50.8055,  
-40.1721) contains.

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# Color

**HunterLab(25.4033, 50.8416,  
-40.4658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80008B
RGB	128, 0, 139
RGB Percent	50%, 0%, 55%
CMY	0.4980, 1.0000, 0.4549
CMYK	0.08, 1.00, 0.00, 0.45
HSL	295°, 100%, 27%
HSV	295°, 100%, 55%
XYZ	13.5623, 6.4533, 24.9569
YIQ	54.1180, 31.6690, 70.3650

# Conversions

## Conversions Part 2

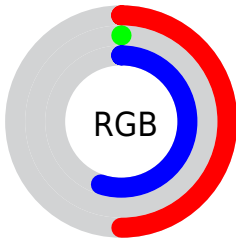
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 0, 139
Decimal	8388747
CIE <sub>Lab</sub>	30.53, 60.72, -42.18
CIE <sub>LCh</sub>	31, 73.932, 325.218
Yxy	6.4536, 0.3016, 0.1435
Android (android.graphics.Color)	4286578827 (0xFF80008B)
<b>YUV</b>	54.1180, 41.8468, 64.7945
Hunter-Lab	25.4033, 50.8416, -40.4658

# Details

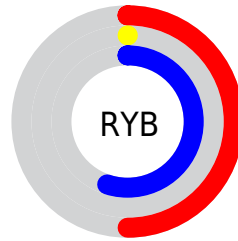
The HunterLab color **25.4033, 50.8416, -40.4658** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **43.0541, -36.4937, 25.8905**, and the grayscale version is **19.1035, -1.0193, 1.0379**.

A 20% lighter version of the original color is **43.3655, 54.9031, -41.2960**, and **14.6984, 29.9649, -27.6602** is the 20% darker color. If you saturate the color by 10%, you get **25.4034, 50.8418, -40.4658**, and if you desaturate by 10%, it is **26.1740, 48.8855, -38.3468**.

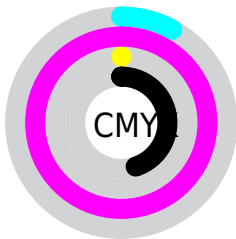
# Distribution



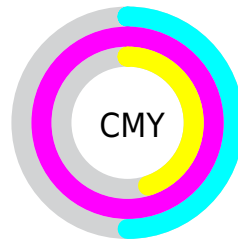
- Red (50%)
- Green (0%)
- Blue (55%)



- Red (50%)
- Yellow (0%)
- Blue (55%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4033, 50.8416, -40.4658 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 25.4033, 50.8416, -40.4658 by changing the saturation by 10% instead.



25.4033, 50.8416,  
-40.4658

25.4033, 50.8416,  
-40.4658

127.6882, 67.3973,  
-45.7696

17.6714, 48.8403,  
-40.7295

43.4340, 55.1041,  
-41.3310

10.9370, 47.4522,  
-42.4799

53.5862, 57.1540,  
-41.9885

2.4202, 124.6587,  
-116.0072

64.4253, 59.1088,  
-42.6777

0.0000, INF, -NF

0.0000, NaN, -NF

75.9102, 60.9621,  
-43.3623

0.0000, NaN, NaN

88.0066, 62.7140,  
-44.0224

0.0000, NaN, NaN

100.6849, 64.3676,

0.0000, NaN, NaN

-44.6471

0.0000, NaN, NaN

113.9196, 65.9271,  
-45.2306

25.4033, 50.8416,  
-40.4658

25.4033, 50.8416,  
-40.4658

25.4034, 50.8418,  
-40.4658

26.1740, 48.8855,  
-38.3468

27.2898, 45.8288,  
-35.4505

28.8943, 41.3878,  
-31.5925

30.9719, 35.9027,  
-27.0461

33.4823, 29.7539,  
-22.1010

■ 36.3748, 23.2636,  
-16.9929

■ 39.5979, 16.6603,  
-11.8817

■ 43.1048, 10.0857,  
-6.8604

■ 46.8549, 3.6160,  
-1.9738

# Harmonies

## Analogous

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



25.4039, 22.3077, -83.3446



25.4033, 50.8416, -40.4658



25.4039, 65.7273, -2.6952

# Triad

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



25.4039, 50.8405, -40.4644



25.4039, 2.7403, 17.7827



25.4039, -31.6962, -26.5139

# Complementary

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



25.4033, 50.8416, -40.4658



43.0541, -36.4937, 25.8905

# 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.



25.4039, -33.5434, 4.8799



25.4033, 50.8416, -40.4658



25.4039, -18.6422, 17.7827

# Square

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



25.4039, 50.8405, -40.4644



25.4039, 31.9527, 17.7827



25.4039, -29.8483, 16.0758



25.4039, -23.2304, -71.1584



# Rectangle

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



25.4033, 50.8416, -40.4658



25.4039, 62.9366, 10.6376



25.4039, -29.8483, 16.0758



25.4039, -32.9297, -13.6302

# Sweetspot

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



25.4039, 50.8405, -40.4644



52.6940, 22.8777, -16.3481



14.5509, 33.2581, -89.9799



24.5045, 12.5647, -9.0682



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.



25.4039, 50.8405, -40.4644



33.9464, 67.9678, -54.2931



24.6669, 44.6545, -2.7710



22.6035, 1.4725, -0.7504



24.1408, 48.3108, -38.4232



2.0367, 4.0367, -2.9376



# Inverse Universe

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



23.4806, 40.3120, 14.3743



31.4045, 53.8849, 19.4881



43.3244, -34.6396, 20.6260



22.4824, 0.7337, 1.6534



22.3093, 38.3085, 13.6164



1.8383, 3.1963, 0.8149



# Previews

## White Background



This preview shows how the HunterLab color 25.4033, 50.8416, -40.4658 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 25.4033, 50.8416, -40.4658 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

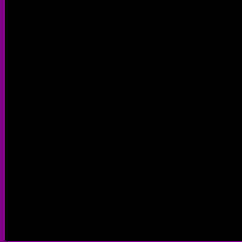
Any Text WCAG AA × Fail

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 25.4033, 50.8416, -40.4658 Background



This preview shows how black text looks on a background with the HunterLab color 25.4033, 50.8416, -40.4658.



This preview shows how white text looks on a background with the HunterLab color 25.4033, 50.8416, -40.4658.

-40.4658.

# 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

25.4033, 50.8416, -40.4658

### Protanopia

26.3337, 8.5982, -51.4758

### Deuteranopia

26.5872, 1.7300, -31.4715



## Tritanopia

26.2477, 19.3599, 7.4704

# Trichromacy



## Original Color

25.4033, 50.8416, -40.4658

## Protanomaly

21.6713, 23.8059, -62.8805

## Deuteranomaly

22.2687, 21.4684, -45.9526

## Tritanomaly

24.5515, 32.2648, -6.0816

# Monochromacy



## Original Color

25.4033, 50.8416, -40.4658

## Achromatopsia

19.2066, -1.0248, 1.0435

## Achromatomaly

18.8395, 20.1376, -15.0860

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.4033, 50.8416, -40.4658 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(128, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(128, 0, 139)  
}
```

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(128, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 0, 139) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.4033, 50.8416, -40.4658 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(128, 0, 139) }
```



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

```
.border{ border-color:rgb(128, 0, 139) }
```

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

Here you see how a box with a 4 pixel rgb(128, 0, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(128, 0,  
139) }
```

# Background

The CSS property to change the background color of an element to HunterLab 25.4033, 50.8416, -40.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 0, 139) }
```

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

```
.background{ background-color: rgb(128, 0,  
139) }
```

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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