

# Converting Colors

HunterLab(25.6426, 50.1097,  
-31.4597)

Have a look what the booklet for  
HunterLab(25.6426, 50.1097,  
-31.4597) contains.

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# Color

**HunterLab(25.6350, 50.0834,  
-31.3624)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	850081
RGB	133, 0, 129
RGB Percent	52%, 0%, 51%
CMY	0.4784, 1.0000, 0.4941
CMYK	0.00, 1.00, 0.03, 0.48
HSL	302°, 100%, 26%
HSV	302°, 100%, 52%
XYZ	13.6353, 6.5715, 21.3186
YIQ	54.4730, 37.8590, 68.3150

# Conversions

## Conversions Part 2

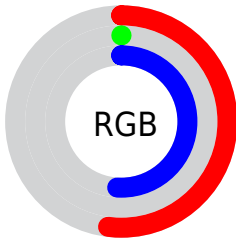
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 0, 129
Decimal	8716417
CIE <sub>Lab</sub>	30.81, 59.97, -35.43
CIE <sub>LCh</sub>	31, 69.654, 329.430
Yxy	6.5718, 0.3284, 0.1583
Android (android.graphics.Color)	4286906497 (0xFF850081)
YUV	54.4730, 36.7418, 68.8682
Hunter-Lab	25.6350, 50.0834, -31.3624

# Details

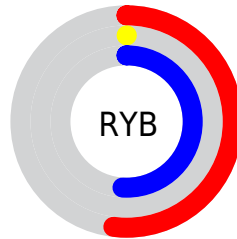
The HunterLab color **25.6350, 50.0834, -31.3624** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **40.9685, -35.0534, 24.4642**, and the grayscale version is **19.2394, -1.0266, 1.0453**.

A 20% lighter version of the original color is **43.6917, 54.5240, -32.1786**, and **14.9224, 29.3379, -19.6818** is the 20% darker color. If you saturate the color by 10%, you get **25.6351, 50.0836, -31.3620**, and if you desaturate by 10%, it is **26.2262, 48.0978, -30.2661**.

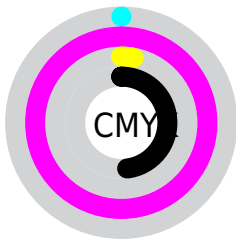
# Distribution



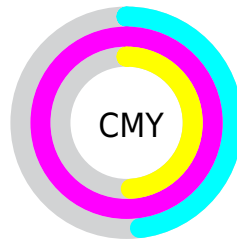
- Red (52%)
- Green (0%)
- Blue (51%)



- Red (52%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.6350, 50.0834, -31.3624 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 25.6350, 50.0834, -31.3624 by changing the saturation by 10% instead.



25.6350, 50.0834,  
-31.3624

25.6350, 50.0834,  
-31.3624

128.0848, 66.4304,  
-36.1579

17.8768, 48.0728,  
-31.1447

43.7110, 54.3157,  
-32.4822

11.1121, 46.6229,  
-31.7547

53.8832, 56.3425,  
-33.1146

2.9975, 99.9330,  
-69.8416

64.7411, 58.2721,  
-33.7302

0.0000, INF, -NF

0.0000, NaN, -NF

76.2438, 60.0994,  
-34.3105

0.0000, NaN, NaN

88.3570, 61.8250,  
-34.8464

0.0000, NaN, NaN

0.0000, NaN, NaN

101.0514, 63.4524,

-35.3338

0.0000, NaN, NaN

114.3014, 64.9859,  
-35.7710

25.6350, 50.0834,  
-31.3624

25.6350, 50.0834,  
-31.3624

25.6351, 50.0836,  
-31.3620

26.2262, 48.0978,  
-30.2661

27.1277, 45.1199,  
-28.4984

28.4874, 40.8247,  
-25.8330

30.2986, 35.4982,  
-22.4506

32.5297, 29.4872,  
-18.5767

■ 35.1368, 23.1043,  
-14.4183

■ 38.0729, 16.5837,  
-10.1333

■ 41.2931, 10.0778,  
-5.8265

■ 44.7580, 3.6731,  
-1.5600

# Harmonies

## Analogous

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



25.6356, 24.7292, -71.0020



25.6350, 50.0834, -31.3624



25.6356, 61.0076, 0.9654

# Triad

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



25.6356, 50.0819, -31.3611



25.6356, -0.9196, 17.9449



25.6356, -29.9865, -29.8481

# Complementary

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



25.6350, 50.0834, -31.3624



40.9685, -35.0534, 24.4642

# 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.



25.6356, -32.6510, 1.8181



25.6350, 50.0834, -31.3624



25.6356, -19.9595, 17.9449

# Square

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



25.6356, 50.0819, -31.3611



25.6356, 25.7964, 17.9449



25.6356, -29.7662, 15.0218



25.6356, -20.4909, -69.7004



# Rectangle

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



25.6350, 50.0834, -31.3624



25.6356, 56.4372, 11.9485



25.6356, -29.7662, 15.0218



25.6356, -31.5187, -17.3417

# Sweetspot

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



25.6356, 50.0819, -31.3611



50.6650, 22.7957, -13.9583



13.0694, 35.3343, -91.9970



23.3641, 12.3026, -7.6016



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.



25.6356, 50.0819, -31.3611



34.2986, 66.9998, -41.8866



23.1524, 41.2596, 2.4564



21.8185, 1.5123, -0.5776



25.0194, 48.8813, -30.6139



1.4790, 2.8993, -1.8850



# Inverse Universe

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



25.6356, 50.0819, -31.3611



34.2986, 66.9998, -41.8866



41.4748, -31.8954, 17.0140



21.8185, 1.5123, -0.5776



25.0194, 48.8813, -30.6139



1.4790, 2.8993, -1.8850



# Previews

## White Background



This preview shows how the HunterLab color 25.6350, 50.0834, -31.3624 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 25.6350, 50.0834, -31.3624 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

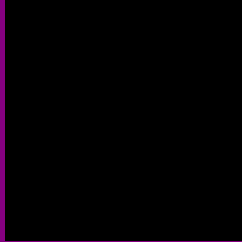
Any Text WCAG AA × Fail

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 25.6350, 50.0834, -31.3624 Background



This preview shows how black text looks on a background with the HunterLab color 25.6350, 50.0834, -31.3624.



This preview shows how white text looks on a background with the HunterLab color 25.6350, 50.0834, -31.3624.

-31.3624.

# 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

25.6350, 50.0834, -31.3624

### Protanopia

26.7051, 8.7370, -52.2398

### Deuteranopia

26.8372, 1.6039, -23.3985



## Tritanopia

26.4461, 23.2880, 8.8793

# Trichromacy



## Original Color

25.6350, 50.0834, -31.3624

## Protanomaly

21.5817, 23.3063, -61.0022

## Deuteranomaly

22.9665, 22.0117, -34.6904

## Tritanomaly

24.9325, 34.4320, -2.5458

# Monochromacy



## Original Color

25.6350, 50.0834, -31.3624

## Achromatopsia

19.2066, -1.0248, 1.0435

## Achromatomaly

18.9133, 19.9847, -12.3992

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.6350, 50.0834, -31.3624 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, 129)` looks like.

```
.text, #text, p{  
  color:rgb(133, 0, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 0, 129) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.6350, 50.0834, -31.3624 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, 129) }
```



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

```
.border{ border-color:rgb(133, 0, 129) }
```

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, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(133, 0,  
129) }
```

# Background

The CSS property to change the background color of an element to HunterLab 25.6350, 50.0834, -31.3624 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, 129) }
```

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

```
.background{ background-color: rgb(133, 0,  
129) }
```

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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