

# Converting Colors

HunterLab(39.3200, 51.8962,  
-64.8449)

Have a look what the booklet for  
HunterLab(39.3200, 51.8962,  
-64.8449) contains.

|  |    |
|--|----|
| <b>HunterLab(39.3200, 51.8962, -64.8449)</b> ..... | 3  |
| <b><i>Conversions</i></b> .....                    | 4  |
| <b><i>Details</i></b> .....                        | 6  |
| <b><i>Harmonies</i></b> .....                      | 12 |
| <b><i>Previews</i></b> .....                       | 24 |
| <b><i>Color Blindness Simulation</i></b> .....     | 28 |
| <b><i>CSS Examples</i></b> .....                   | 31 |

# Color

**HunterLab(39.3200, 51.8962,  
-64.8449)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9944D0                    |
| RGB           | 153, 68, 208              |
| RGB Percent   | 60%, 27%, 82%             |
| CMY           | 0.4000, 0.7333, 0.1843    |
| CMYK          | 0.26, 0.67, 0.00, 0.18    |
| HSL           | 276°, 60%, 54%            |
| HSV           | 276°, 67%, 82%            |
| XYZ           | 26.5892, 15.4606, 61.2573 |
| YIQ           | 109.3750, 5.7200, 61.5600 |

# Conversions

## Conversions Part 2

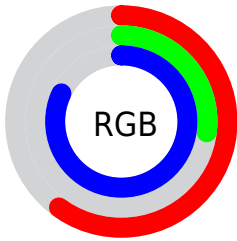
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 153, 68, 208                  |
| Decimal                             | 10044624                      |
| CIE <sub>Lab</sub>                  | 46.26, 58.65, -57.76          |
| CIE <sub>LCh</sub>                  | 46, 82.319, 315.438           |
| Yxy                                 | 15.4612, 0.2574,<br>0.1497    |
| Android<br>(android.graphics.Color) | 4288234704<br>(0xFF9944D0)    |
| YUV                                 | 109.3750, 48.6221,<br>38.2591 |
| Hunter-Lab                          | 39.3200, 51.8962,<br>-64.8449 |

# Details

The HunterLab color  $[39.3200, 51.8962, -64.8449]$  is a dark color, and the websafe version is hex  $9933CC$ . The color can be described as middle muted purple. A complement of this color would be  $[70.5268, -43.0190, 38.1073]$ , and the grayscale version is  $[39.0685, -2.0846, 2.1227]$ .

A 20% lighter version of the original color is  $[59.1506, 53.0261, -57.4540]$ , and  $[22.0522, 47.9412, -66.5991]$  is the 20% darker color. If you saturate the color by 10%, you get  $[35.5074, 58.8004, -76.7355]$ , and if you desaturate by 10%, it is  $[43.8876, 43.8881, -52.8062]$ .

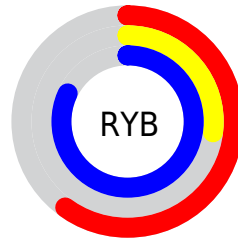
# Distribution



Red (60%)

Green (27%)

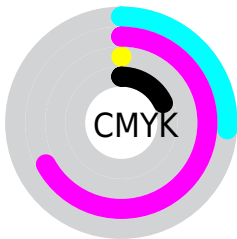
Blue (82%)



Red (60%)

Yellow (27%)

Blue (82%)

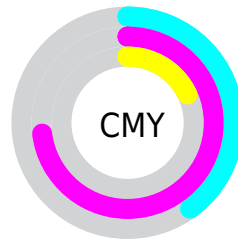


Cyan (26%)

Magenta (67%)

Yellow (0%)

Black (18%)



Cyan (40%)

Magenta (73%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3200, 51.8962, -64.8449 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 39.3200, 51.8962, -64.8449 by changing the saturation by 10% instead.



39.3200, 51.8962,  
-64.8449

39.3200, 51.8962,  
-64.8449

150.3799, 66.6650,  
-71.0314

30.2386, 49.7983,  
-65.1081

59.7162, 55.8627,  
-65.6394

21.9887, 47.7103,  
-66.4007

70.9300, 57.6960,  
-66.3287

14.6656, 45.8494,  
-69.9360

82.7692, 59.4259,  
-67.0961

8.3245, 45.6766,  
-80.3153

95.2024, 61.0557,  
-67.8977

0.0000, INF, -NF

0.0000, NaN, -NF

108.2024, 62.5896,  
-68.7064

0.0000, NaN, -NF

121.7456, 64.0326,

0.0000, NaN, NaN

-69.5050

0.0000, NaN, NaN

135.8110, 65.3895,  
-70.2824

■ 39.3200, 51.8962,  
-64.8449

■ 39.3200, 51.8962,  
-64.8449

■ 35.5074, 58.8004,  
-76.7355

■ 43.8876, 43.8881,  
-52.8062

■ 32.5584, 63.7709,  
-87.4910

■ 49.0853, 35.3962,  
-41.2153

■ 30.5007, 66.1392,  
-96.0490

■ 54.8038, 26.7901,  
-30.3209

■ 30.0194, 66.5792,  
-98.1976

■ 60.9529, 18.2569,  
-20.1682

■ 67.4617, 9.8739,  
-10.7039

■ 74.2749, 1.6606,  
-1.8385

■ 81.3496, -6.3917,  
6.5226

■ 88.6523, -14.3026,  
14.4667

■ 96.0890, -21.9954,  
22.0032

# Harmonies

## Analogous

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



39.3207, 15.6119, -106.0166



39.3200, 51.8962, -64.8449



39.3207, 76.7051, -15.5566

# Triad

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



39.3207, 51.8958, -64.8432



39.3207, 14.5568, 27.5157



39.3207, -45.5033, -16.7940

# Complementary

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



39.3200, 51.8962, -64.8449



70.5268, -43.0190, 38.1073

# 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.



39.3207, -45.6235, 14.1747



39.3200, 51.8962, -64.8449



39.3207, -17.1436, 27.4814

# Square

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



39.3207, 51.8958, -64.8432



39.3207, 50.9141, 25.1552



39.3207, -36.9770, 25.0230



39.3207, -36.5705, -66.3433



# Rectangle

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



39.3200, 51.8962, -64.8449



39.3207, 79.5764, 7.2819



39.3207, -36.9770, 25.0230



39.3207, -46.4518, -3.8055

# Sweetspot

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



39.3207, 51.8958, -64.8432



82.4996, 15.5022, -16.8844



44.9431, 4.6642, -50.9490



37.0860, 8.5591, -9.3719

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



39.3207, 51.8958, -64.8432



42.8407, 77.3152, -103.1821



46.3029, 64.7583, -35.6896



34.3040, 1.5903, -1.7241



23.8199, 52.7078, -76.9751



6.0207, 12.9465, -16.5424



# Inverse Universe

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



43.5598, 53.4866, 2.2718



50.0117, 77.7941, 7.3114



68.5202, -50.9721, 34.4218



34.4733, 1.7981, 1.3138



29.5847, 51.9988, 8.7747



7.1050, 12.6952, 0.5004



# Previews

## White Background



This preview shows how the HunterLab color 39.3200, 51.8962, -64.8449 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

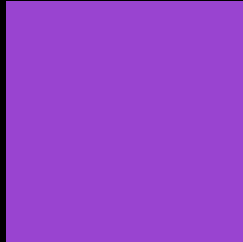
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 39.3200, 51.8962, -64.8449 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

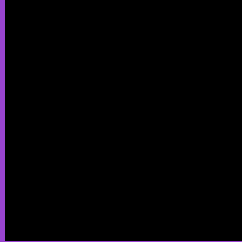
Any Text WCAG AA × Fail

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 39.3200, 51.8962, -64.8449 Background



This preview shows how black text looks on a background with the HunterLab color 39.3200, 51.8962, -64.8449.



This preview shows how white text looks on a background with the HunterLab color 39.3200, 51.8962, -64.8449.

-64.8449.

# 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

39.3200, 51.8962, -64.8449

### Protanopia

39.6791, 14.8860, -81.7301

### Deuteranopia

39.5797, 2.8359, -55.5932



## Tritanopia

39.2827, 10.3992, 2.9747

# Trichromacy



## Original Color

39.3200, 51.8962, -64.8449

## Protanomaly

36.8911, 23.7165, -84.5613

## Deuteranomaly

36.7025, 15.8927, -67.3708

## Tritanomaly

38.3977, 24.2865, -16.6563

# Monochromacy



## Original Color

39.3200, 51.8962, -64.8449

## Achromatopsia

39.1058, -2.0866, 2.1247

## Achromatomaly

37.9601, 16.1939, -18.1660

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.3200, 51.8962, -64.8449 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(153, 68, 208)` looks like.

```
.text, #text, p{  
    color:rgb(153, 68, 208)  
}
```

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(153, 68, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 68, 208) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.3200, 51.8962, -64.8449 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(153, 68, 208) }
```



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

```
.border{ border-color:rgb(153, 68, 208) }
```

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

Here you see how a box with a 4 pixel rgb(153, 68, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 68, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 68, 208);  
box-shadow:4px 4px 4px 4px rgb(153, 68,  
208) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.3200, 51.8962, -64.8449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 68, 208) }
```

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

```
.background{ background-color: rgb(153, 68,  
208) }
```

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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