

Converting Colors

HunterLab(33.7601, 64.2520,
-28.0824)

Have a look what the booklet for
HunterLab(33.7601, 64.2520,
-28.0824) contains.

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Color

**HunterLab(33.7639, 64.2483,
-28.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	B00095
RGB	176, 0, 149
RGB Percent	69%, 0%, 58%
CMY	0.3098, 0.9999, 0.4157
CMYK	0.00, 1.00, 0.15, 0.31
HSL	309°, 100%, 35%
HSV	309°, 100%, 69%
XYZ	23.3293, 11.4000, 29.4046
YIQ	69.6100, 57.0670, 83.6510

Conversions

Conversions Part 2

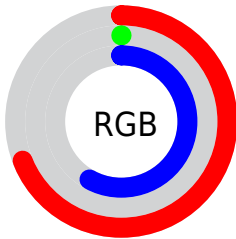
Format	Color
R_{YB}	176, 0, 149
Decimal	11534485
CIE _{Lab}	40.25, 70.61, -32.30
CIE _{LCh}	40, 77.650, 335.422
Yxy	11.4006, 0.3638, 0.1778
Android (android.graphics.Color)	4289724565 (0xFFB00095)
YUV	69.6100, 39.1393, 93.3040
Hunter-Lab	33.7639, 64.2483, -28.0002

Details

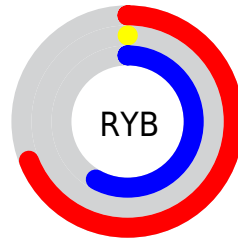
The HunterLab color **33.7639, 64.2483, -28.0002** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **55.7945, -47.3361, 32.4482**, and the grayscale version is **24.4668, -1.3055, 1.3293**.

A 20% lighter version of the original color is **53.2564, 68.7906, -29.5782**, and **21.9175, 41.5578, -17.0256** is the 20% darker color. If you saturate the color by 10%, you get **33.7639, 64.2479, -27.9979**, and if you desaturate by 10%, it is **34.5078, 62.5048, -28.4610**.

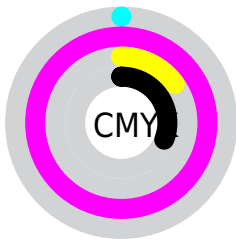
Distribution



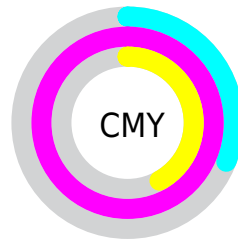
- Red (69%)
- Green (0%)
- Blue (58%)



- Red (69%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7639, 64.2483, -28.0002 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 33.7639, 64.2483, -28.0002 by changing the saturation by 10% instead.

33.7639, 64.2483,
-28.0002

33.7639, 64.2483,
-28.0002

141.5612, 82.5302,
-32.1016

25.1733, 62.0198,
-27.4563

53.2903, 68.8506,
-29.1953

17.4672, 60.1463,
-27.1236

64.1106, 71.0770,
-29.7595

10.7631, 59.4006,
-27.4348

75.5779, 73.2178,
-30.2789

1.6541, 225.3951,
-105.8604

87.6575, 75.2655,
-30.7478

0.0000, INF, -NF

0.0000, NaN, NaN

100.3198, 77.2186,
-31.1642

0.0000, NaN, NaN

113.5391, 79.0784,

0.0000, NaN, NaN

-31.5280

0.0000, NaN, NaN

127.2929, 80.8477,
-31.8401

■ 33.7639, 64.2483,
-28.0002

■ 33.7639, 64.2483,
-28.0002

■ 33.7639, 64.2479,
-27.9979

■ 34.5078, 62.5048,
-28.4610

■ 35.7657, 59.0781,
-27.8977

■ 37.6803, 53.7412,
-26.1041

■ 40.2427, 46.8929,
-23.2468

■ 43.4050, 39.0352,
-19.5832

■ 47.1007, 30.6217,
-15.3721

■ 51.2592, 21.9881,
-10.8243

■ 55.8149, 13.3493,
-6.0900

■ 60.7104, 4.8257,
-1.2669

Harmonies

Analogous

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



33.7648, 36.3868, -74.7270



33.7639, 64.2483, -28.0002



33.7648, 72.3206, 6.4203

Triad

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



33.7648, 64.2458, -27.9986



33.7648, -6.8483, 23.6353



33.7648, -35.9691, -44.7715

Complementary

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



33.7639, 64.2483, -28.0002



55.7945, -47.3361, 32.4482

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.



33.7648, -40.9845, -3.4931



33.7639, 64.2483, -28.0002



33.7648, -28.1496, 22.8848

Square

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



33.7648, 64.2458, -27.9986



33.7648, 24.2757, 23.6353



33.7648, -38.6946, 17.1683



33.7648, -21.7829, -88.8648

Rectangle

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



33.7639, 64.2483, -28.0002



33.7648, 63.6757, 17.4742



33.7648, -38.6946, 17.1683



33.7648, -38.5221, -29.2501

Sweetspot

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



33.7648, 64.2458, -27.9986



68.7161, 30.2398, -14.9148



18.3311, 48.4850, -120.7071



30.8910, 16.3083, -8.1309



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



33.7648, 64.2458, -27.9986



45.4405, 86.4182, -37.3030



30.9423, 54.0959, 11.3866



29.3664, 2.0551, -0.4565



28.9332, 55.0752, -24.1430



5.1907, 9.9748, -5.0608

Inverse Universe

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



33.7648, 64.2458, -27.9986



45.4405, 86.4182, -37.3030



56.8113, -41.0220, 17.5471



29.3664, 2.0551, -0.4565



28.9332, 55.0752, -24.1430



5.1907, 9.9748, -5.0608

Previews

White Background



This preview shows how the HunterLab color 33.7639, 64.2483, -28.0002 looks on a white background.

Color Contrast Check

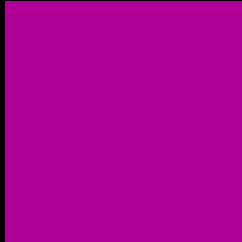
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7639, 64.2483, -28.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

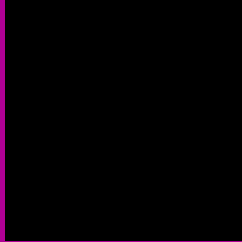
Any Text WCAG AA × Fail

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 33.7639, 64.2483, -28.0002 Background



This preview shows how black text looks on a background with the HunterLab color 33.7639, 64.2483, -28.0002.



This preview shows how white text looks on a background with the HunterLab color 33.7639, 64.2483, -28.0002.

-28.0002.

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

33.7639, 64.2483, -28.0002

Protanopia

34.8935, 12.7441, -71.1246

Deuteranopia

34.6533, 2.7649, -21.0486



Tritanopia

34.3519, 36.4397, 13.9395

Trichromacy



Original Color

33.7639, 64.2483, -28.0002



Protanomaly

27.6729, 29.4327, -76.0957



Deuteranomaly

30.0560, 29.5318, -32.2250



Tritanomaly

32.9428, 48.0541, 2.0814

Monochromacy



Original Color

33.7639, 64.2483, -28.0002



Achromatopsia

24.7479, -1.3205, 1.3446



Achromatomaly

24.5537, 26.0736, -12.9178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7639, 64.2483, -28.0002 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(176, 0, 149)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 149)  
}
```

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(176, 0, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7639, 64.2483, -28.0002 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(176, 0, 149) }
```


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

```
.border{ border-color:rgb(176, 0, 149) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 149);  
box-shadow:4px 4px 4px 4px rgb(176, 0,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7639, 64.2483, -28.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 149) }
```

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

```
.background{ background-color: rgb(176, 0,  
149) }
```

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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