

Converting Colors

HunterLab(33.7207, 47.0491,
-31.3858)

Have a look what the booklet for
HunterLab(33.7207, 47.0491,
-31.3858) contains.

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Color

**HunterLab(33.6948, 47.1293,
-31.4419)**

Conversions

Conversions Part 1

Format	Color
Hex	993299
RGB	153, 50, 153
RGB Percent	60%, 20%, 60%
CMY	0.4000, 0.8039, 0.4000
CMYK	0.00, 0.67, 0.00, 0.40
HSL	300°, 51%, 40%
HSV	300°, 67%, 60%
XYZ	20.0272, 11.3534, 31.2728
YIQ	92.5390, 28.3250, 53.8690

Conversions

Conversions Part 2

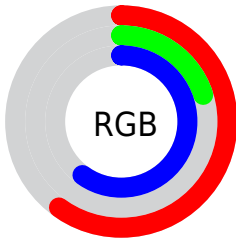
Format	Color
R_{YB}	153, 50, 153
Decimal	10039961
CIE _{Lab}	40.17, 55.42, -35.11
CIE _{LCh}	40, 65.606, 327.643
Yxy	11.3539, 0.3197, 0.1812
Android (android.graphics.Color)	4288230041 (0xFF993299)
YUV	92.5390, 29.8073, 53.0243
Hunter-Lab	33.6948, 47.1293, -31.4419

Details

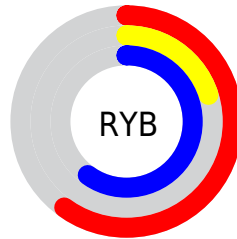
The HunterLab color **33.6948, 47.1293, -31.4419** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **48.6737, -36.4672, 25.6776**, and the grayscale version is **32.8007, -1.7502, 1.7821**.

A 20% lighter version of the original color is **53.2530, 50.9904, -32.7325**, and **18.8049, 37.2004, -26.5794** is the 20% darker color. If you saturate the color by 10%, you get **32.0266, 52.5204, -35.1378**, and if you desaturate by 10%, it is **35.8998, 40.5699, -26.9411**.

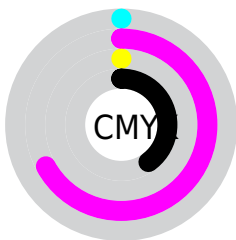
Distribution



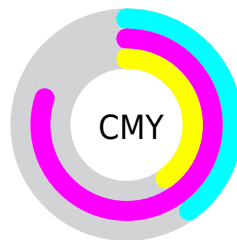
- Red (60%)
- Green (20%)
- Blue (60%)



- Red (60%)
- Yellow (20%)
- Blue (60%)



- Cyan (0%)
- Magenta (67%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6948, 47.1293, -31.4419 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 33.6948, 47.1293, -31.4419 by changing the saturation by 10% instead.

33.6948, 47.1293,
-31.4419

33.6948, 47.1293,
-31.4419

141.4496, 61.5051,
-36.0321

25.1106, 45.0806,
-30.9365

53.2098, 51.0224,
-32.6784

17.4117, 43.0960,
-30.7343

64.0249, 52.8182,
-33.2910

10.7158, 41.5432,
-31.3934

75.4874, 54.5075,
-33.8680

1.3729, 191.2280,
-145.9481

87.5623, 56.0935,
-34.4003

0.0000, INF, -NF

0.0000, NaN, -NF

100.2203, 57.5810,
-34.8838

0.0000, NaN, NaN

113.4354, 58.9753,

0.0000, NaN, NaN

-35.3168

0.0000, NaN, NaN

127.1852, 60.2816,
-35.6994

■ 33.6948, 47.1293,
-31.4419

■ 33.6948, 47.1293,
-31.4419

■ 32.0266, 52.5204,
-35.1378

■ 35.8998, 40.5699,
-26.9411

■ 30.9061, 56.3812,
-37.7834

■ 38.5987, 33.2664,
-21.9258

■ 30.2678, 58.6763,
-39.3556

■ 41.7381, 25.5827,
-16.6439

■ 30.1203, 59.2174,
-39.7263

■ 45.2615, 17.7839,
-11.2769

■ 49.1157, 10.0377,
-5.9396

■ 53.2545, 2.4354,
-0.6951

■ 57.6385, -4.9824,
4.4284

■ 62.2350, -12.2063,
9.4239

■ 67.0172, -19.2442,
14.2962

Harmonies

Analogous

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



33.6956, 22.5855, -65.5299



33.6948, 47.1293, -31.4419



33.6956, 58.3390, -0.0353

Triad

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



33.6956, 47.1278, -31.4405



33.6956, 0.1332, 23.1306



33.6956, -33.8762, -25.7980

Complementary

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



33.6948, 47.1293, -31.4419



48.6737, -36.4672, 25.6776

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.



33.6956, -36.7958, 3.6023



33.6948, 47.1293, -31.4419



33.6956, -20.7637, 22.2163

Square

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



33.6956, 47.1278, -31.4405



33.6956, 26.8535, 21.8843



33.6956, -32.7560, 17.9526



33.6956, -23.2389, -60.9549

Rectangle

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



33.6948, 47.1293, -31.4419



33.6956, 54.9069, 12.6700



33.6956, -32.7560, 17.9526



33.6956, -35.6346, -14.5035

Sweetspot

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



33.6956, 47.1278, -31.4405



64.0975, 16.6068, -10.1365



22.9342, 23.7357, -63.3644



29.4941, 9.0532, -5.6242



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



33.6956, 47.1278, -31.4405



41.9764, 73.2921, -49.0837



31.6283, 38.6265, -3.1572



25.1469, 1.8568, -0.8089



27.3825, 53.8348, -36.1153



3.3481, 6.5824, -4.4159

Inverse Universe

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



33.6956, 47.1278, -31.4405



41.9764, 73.2921, -49.0837



49.4069, -31.9779, 14.9543



25.1469, 1.8568, -0.8089



27.3825, 53.8348, -36.1153



3.3481, 6.5824, -4.4159

Previews

White Background



This preview shows how the HunterLab color 33.6948, 47.1293, -31.4419 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 33.6948, 47.1293, -31.4419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

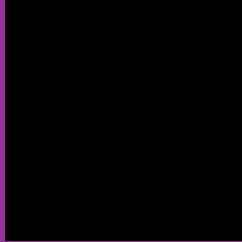
Any Text WCAG AA × Fail

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 33.6948, 47.1293, -31.4419 Background



This preview shows how black text looks on a background with the HunterLab color 33.6948, 47.1293, -31.4419.



This preview shows how white text looks on a background with the HunterLab color 33.6948, 47.1293, -31.4419.

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

33.6948, 47.1293, -31.4419

Protanopia

34.2034, 12.3170, -66.1647

Deuteranopia

34.0578, 2.6580, -26.3085



Tritanopia

33.7511, 22.1791, 8.1911

Trichromacy



Original Color

33.6948, 47.1293, -31.4419

Protanomaly

31.4033, 20.5762, -59.8114

Deuteranomaly

32.4478, 17.9639, -31.6467

Tritanomaly

33.2028, 30.7314, -3.3517

Monochromacy



Original Color

33.6948, 47.1293, -31.4419

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

31.9224, 15.8135, -10.1778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6948, 47.1293, -31.4419 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, 50, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 50, 153)  
}
```

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, 50, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 50, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6948, 47.1293, -31.4419 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, 50, 153) }
```


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

```
.border{ border-color:rgb(153, 50, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 50, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 50, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 50, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 50,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6948, 47.1293, -31.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 50, 153) }
```

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

```
.background{ background-color: rgb(153, 50,  
153) }
```

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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