

Converting Colors

HunterLab(33.5371, 47.1234,
-32.7783)

Have a look what the booklet for
HunterLab(33.5371, 47.1234,
-32.7783) contains.

HunterLab(33.6001, 47.0361, -32.4186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.6001, 47.0361,
-32.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	98329A
RGB	152, 50, 154
RGB Percent	60%, 20%, 60%
CMY	0.4039, 0.8039, 0.3961
CMYK	0.01, 0.68, 0.00, 0.40
HSL	299°, 51%, 40%
HSV	299°, 68%, 60%
XYZ	19.9222, 11.2897, 31.7009
YIQ	92.3540, 27.4080, 53.9680

Conversions

Conversions Part 2

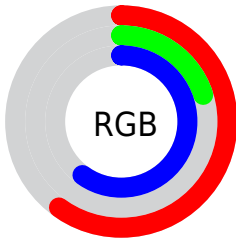
Format	Color
R _Y B	152, 50, 154
Decimal	9974426
CIE Lab	40.06, 55.35, -35.89
CIE LCh	40, 65.971, 327.039
Yxy	11.2902, 0.3167, 0.1795
Android (android.graphics.Color)	4288164506 (0xFF98329A)
YUV	92.3540, 30.3915, 52.3095
Hunter-Lab	33.6001, 47.0361, -32.4186

Details

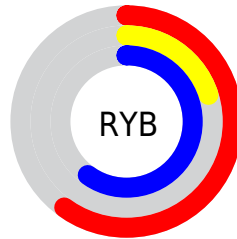
The HunterLab color **33.6001, 47.0361, -32.4186** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49.0630, -36.5708, 25.9449**, and the grayscale version is **32.7303, -1.7464, 1.7783**.

A 20% lighter version of the original color is **53.1619, 50.8584, -33.6265**, and **18.7101, 37.1688, -27.6541** is the 20% darker color. If you saturate the color by 10%, you get **31.8731, 52.3975, -36.3121**, and if you desaturate by 10%, it is **35.8670, 40.5043, -27.7268**.

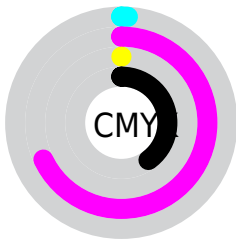
Distribution



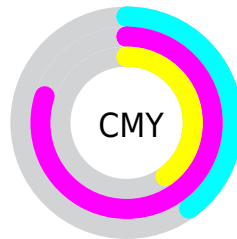
- Red (60%)
- Green (20%)
- Blue (60%)



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



- Cyan (1%)
- Magenta (68%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6001, 47.0361, -32.4186 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 33.6001, 47.0361, -32.4186 by changing the saturation by 10% instead.

33.6001, 47.0361,
-32.4186

33.6001, 47.0361,
-32.4186

141.2967, 61.4019,
-37.1335

25.0247, 44.9887,
-31.9300

53.0995, 50.9274,
-33.6605

17.3357, 43.0062,
-31.7757

63.9076, 52.7221,
-34.2850

10.6512, 41.4601,
-32.5580

75.3634, 54.4103,
-34.8769

0.8481, 308.0813,
-244.0879

87.4321, 55.9952,
-35.4260

0.0000, INF, -NF

0.0000, NaN, -NF

100.0840, 57.4815,
-35.9275

0.0000, NaN, NaN

113.2934, 58.8746,

0.0000, NaN, NaN

-36.3794

0.0000, NaN, NaN

127.0377, 60.1797,
-36.7812

■ 33.6001, 47.0361,
-32.4186

■ 33.6001, 47.0361,
-32.4186

■ 31.8731, 52.3975,
-36.3121

■ 35.8670, 40.5043,
-27.7268

■ 30.6990, 56.2154,
-39.1438

■ 38.6286, 33.2324,
-22.5394

■ 30.0097, 58.4594,
-40.8856

■ 41.8303, 25.5847,
-17.1089

■ 29.8600, 58.9494,
-41.2720

■ 45.4144, 17.8244,
-11.6164

■ 49.3277, 10.1158,
-6.1736

■ 53.5237, 2.5477,
-0.8398

■ 57.9633, -4.8409,
4.3603

■ 62.6140, -12.0416,
9.4227

■ 67.4492, -19.0624,
14.3545

Harmonies

Analogous

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



33.6009, 22.1715, -66.6476



33.6001, 47.0361, -32.4186



33.6009, 58.6960, -0.5474

Triad

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



33.6009, 47.0347, -32.4172



33.6009, 0.6515, 23.1264



33.6009, -34.0870, -25.2716

Complementary

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



33.6001, 47.0361, -32.4186



49.0630, -36.5708, 25.9449

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.



33.6009, -36.8633, 4.0435



33.6001, 47.0361, -32.4186



33.6009, -20.4932, 22.2478

Square

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



33.6009, 47.0347, -32.4172



33.6009, 27.5660, 21.8273



33.6009, -32.6794, 18.1306



33.6009, -23.6098, -60.8448

Rectangle

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



33.6001, 47.0361, -32.4186



33.6009, 55.5074, 12.4135



33.6009, -32.6794, 18.1306



33.6009, -35.7952, -13.9602

Sweetspot

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



33.6009, 47.0347, -32.4172



64.9281, 16.6018, -10.4148



23.6658, 22.2669, -61.6195



30.2283, 9.1922, -5.8682



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



33.6009, 47.0347, -32.4172



42.0601, 73.5272, -51.0822



31.9080, 39.4931, -4.7159



25.1348, 1.8163, -0.8248



26.9557, 53.2140, -37.2437



3.3207, 6.5425, -4.4879

Inverse Universe

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



30.6588, 34.1870, 13.2067



37.4792, 54.9921, 20.6786



49.6805, -32.6826, 16.0915



24.9490, 0.7935, 2.0085



23.6709, 40.5621, 15.1021



2.9020, 4.9882, 1.7317

Previews

White Background



This preview shows how the HunterLab color 33.6001, 47.0361, -32.4186 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 33.6001, 47.0361, -32.4186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

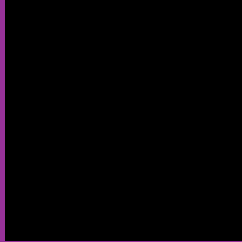
Any Text WCAG AA × Fail

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 33.6001, 47.0361, -32.4186 Background



This preview shows how black text looks on a background with the HunterLab color 33.6001, 47.0361, -32.4186.



This preview shows how white text looks on a background with the HunterLab color 33.6001, 47.0361, -32.4186.

-32.4186.

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

33.6001, 47.0361, -32.4186

Protanopia

34.1730, 12.3547, -67.2788

Deuteranopia

33.9944, 2.5377, -27.1523



Tritanopia

33.6180, 21.8102, 8.0512

Trichromacy



Original Color

33.6001, 47.0361, -32.4186



Protanomaly

31.2341, 20.2357, -61.3553



Deuteranomaly

32.3212, 17.6991, -32.7040



Tritanomaly

33.0639, 30.3838, -3.5457

Monochromacy



Original Color

33.6001, 47.0361, -32.4186



Achromatopsia

32.7144, -1.7456, 1.7774



Achromatomaly

31.8166, 15.5031, -10.3485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6001, 47.0361, -32.4186 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(152, 50, 154)` looks like.

```
.text, #text, p{  
    color:rgb(152, 50, 154)  
}
```

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(152, 50, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 50, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6001, 47.0361, -32.4186 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(152, 50, 154) }
```


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

```
.border{ border-color:rgb(152, 50, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 50, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 50, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 50, 154);  
box-shadow:4px 4px 4px 4px rgb(152, 50,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6001, 47.0361, -32.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 50, 154) }
```

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

```
.background{ background-color: rgb(152, 50,  
154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor