

Converting Colors

HunterLab(36.9591, 43.3262,
-33.8186)

Have a look what the booklet for
HunterLab(36.9591, 43.3262,
-33.8186) contains.

HunterLab(36.8532, 43.3110, -33.8024)	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(36.8532, 43.3110,
-33.8024)**

Conversions

Conversions Part 1

Format	Color
Hex	9B42A5
RGB	155, 66, 165
RGB Percent	61%, 26%, 65%
CMY	0.3922, 0.7412, 0.3529
CMYK	0.06, 0.60, 0.00, 0.35
HSL	294°, 43%, 45%
HSV	294°, 60%, 65%
XYZ	22.2573, 13.5816, 37.0457
YIQ	103.8970, 21.2650, 49.6570

Conversions

Conversions Part 2

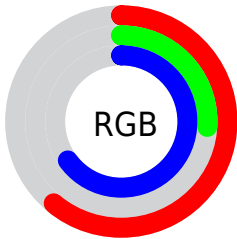
Format	Color
R_{YB}	155, 66, 165
Decimal	10175141
CIE _{Lab}	43.63, 51.17, -36.82
CIE _{LCh}	44, 63.041, 324.267
Yxy	13.5822, 0.3054, 0.1863
Android (android.graphics.Color)	4288365221 (0xFF9B42A5)
YUV	103.8970, 30.1238, 44.8173
Hunter-Lab	36.8532, 43.3110, -33.8024

Details

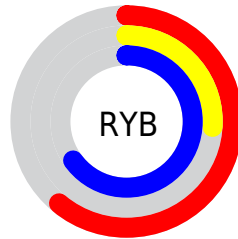
The HunterLab color **36.8532, 43.3110, -33.8024** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **53.7032, -36.0818, 26.7689**, and the grayscale version is **37.0523, -1.9770, 2.0131**.

A 20% lighter version of the original color is **56.8841, 46.8903, -34.7013**, and **20.0601, 39.4624, -33.1232** is the 20% darker color. If you saturate the color by 10%, you get **34.2936, 49.8708, -39.5395**, and if you desaturate by 10%, it is **39.9527, 35.9105, -27.5794**.

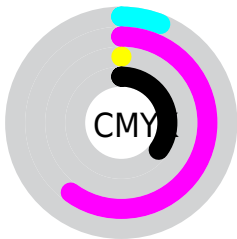
Distribution



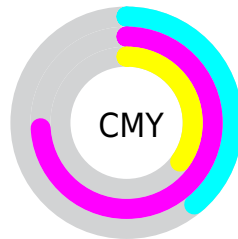
- Red (61%)
- Green (26%)
- Blue (65%)



- Red (61%)
- Yellow (26%)
- Blue (65%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (74%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8532, 43.3110, -33.8024 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 36.8532, 43.3110, -33.8024 by changing the saturation by 10% instead.

36.8532, 43.3110, -33.8024

36.8532, 43.3110, -33.8024

146.4977, 56.1572, -38.5697

27.9833, 41.3794, -33.2685

56.8734, 46.8769, -35.0714

19.9669, 39.4134, -32.9961

67.9166, 48.4954, -35.7001

12.9080, 37.5959, -33.4207

79.5945, 50.0068, -36.2948

6.3372, 42.5184, -40.4825

91.8741, 51.4167, -36.8466

0.0000, INF, -NF

0.0000, NaN, -NF

104.7274, 52.7310, -37.3511

0.0000, NaN, NaN

118.1298, 53.9555,

0.0000, NaN, NaN

-37.8065

0.0000, NaN, NaN

132.0597, 55.0959,
-38.2126

■ 36.8532, 43.3110,
-33.8024

■ 36.8532, 43.3110,
-33.8024

■ 34.2936, 49.8708,
-39.5395

■ 39.9527, 35.9105,
-27.5794

■ 32.3233, 55.1089,
-44.4134

■ 43.5248, 28.0825,
-21.1798

■ 30.9620, 58.5959,
-48.0620

■ 47.5047, 20.1132,
-14.8044

■ 30.0731, 60.5335,
-50.5909

■ 51.8332, 12.1777,
-8.5660

■ 30.0729, 60.5339,
-50.5914

■ 56.4595, 4.3685,
-2.5156

■ 61.3414, -3.2746,
3.3340

■ 66.4447, -10.7433,
8.9905

■ 71.7413, -18.0457,
14.4715

■ 77.2084, -25.1976,
19.7983

Harmonies

Analogous

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



36.8540, 18.9114, -64.3559



36.8532, 43.3110, -33.8024



36.8540, 55.8928, -2.6392

Triad

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



36.8540, 43.3097, -33.8010



36.8540, 2.7411, 24.3925



36.8540, -35.2326, -20.8963

Complementary

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



36.8532, 43.3110, -33.8024



53.7032, -36.0818, 26.7689

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.



36.8540, -37.4841, 6.1157



36.8532, 43.3110, -33.8024



36.8540, -19.0358, 23.7576

Square

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



36.8540, 43.3097, -33.8010



36.8540, 28.9344, 22.7838



36.8540, -32.3739, 19.5057



36.8540, -25.1731, -54.1416

Rectangle

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



36.8532, 43.3110, -33.8024



36.8540, 54.0621, 11.2444



36.8540, -32.3739, 19.5057



36.8540, -36.7990, -10.4923

Sweetspot

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



36.8540, 43.3097, -33.8010



70.3726, 14.5398, -10.0945



30.4311, 15.5581, -50.3319



32.1234, 8.1670, -5.7871



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



36.8540, 43.3097, -33.8010



44.9278, 69.2967, -55.2348



36.6468, 39.6150, -9.2382



26.7688, 1.7894, -0.9783



26.1803, 52.6843, -43.9329



3.9212, 7.8164, -6.0029

Inverse Universe

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



35.2393, 33.4090, 10.7943



42.5101, 54.4899, 17.7252



53.9141, -34.0976, 18.2360



26.6403, 0.9622, 1.9099



24.6681, 42.3811, 14.8846



3.6209, 6.3100, 1.4939

Previews

White Background



This preview shows how the HunterLab color 36.8532, 43.3110, -33.8024 looks on a white background.

Color Contrast Check

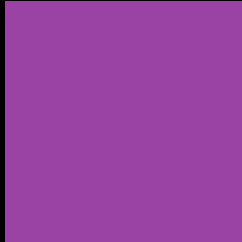
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8532, 43.3110, -33.8024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

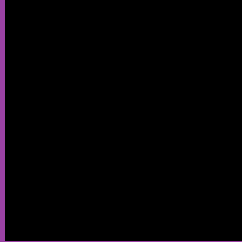
Any Text WCAG AA × Fail

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 36.8532, 43.3110, -33.8024 Background



This preview shows how black text looks on a background with the HunterLab color 36.8532, 43.3110, -33.8024.



This preview shows how white text looks on a background with the HunterLab color 36.8532, 43.3110, -33.8024.

-33.8024.

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

36.8532, 43.3110, -33.8024

Protanopia

37.1802, 11.5126, -61.1238

Deuteranopia

37.0768, 2.9128, -28.8302



Tritanopia

36.8197, 18.7450, 6.3403

Trichromacy



Original Color

36.8532, 43.3110, -33.8024

Protanomaly

35.4358, 19.9500, -54.6120

Deuteranomaly

35.9010, 16.3023, -33.2778

Tritanomaly

36.4876, 26.7489, -5.4079

Monochromacy



Original Color

36.8532, 43.3110, -33.8024

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.0966, 13.9267, -9.9351

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8532, 43.3110, -33.8024 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(155, 66, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 66, 165)  
}
```

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(155, 66, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 66, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8532, 43.3110, -33.8024 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(155, 66, 165) }
```


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

```
.border{ border-color:rgb(155, 66, 165) }
```

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

Here you see how a box with a 4 pixel rgb(155, 66, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 66, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 66, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 66,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8532, 43.3110, -33.8024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 66, 165) }
```

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

```
.background{ background-color: rgb(155, 66,  
165) }
```

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