

Converting Colors

HunterLab(31.2752, 34.7335,
3.5870)

Have a look what the booklet for
HunterLab(31.2752, 34.7335,
3.5870) contains.

HunterLab(31.2752, 34.7335, 3.5870)	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(31.2752, 34.7335,
3.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	973555
RGB	151, 53, 85
RGB Percent	59%, 21%, 33%
CMY	0.4078, 0.7921, 0.6667
CMYK	0.00, 0.65, 0.44, 0.41
HSL	340°, 48%, 40%
HSV	340°, 65%, 59%
XYZ	15.6753, 9.7814, 9.6561
YIQ	85.9500, 48.1360, 30.7280

Conversions

Conversions Part 2

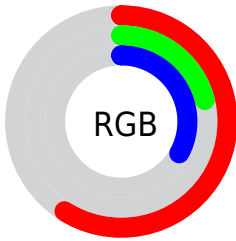
Format	Color
R_{YB}	151, 53, 85
Decimal	9909589
CIE _{Lab}	37.45, 43.82, 2.96
CIE _{LCh}	37, 43.918, 3.868
Yxy	9.7819, 0.4464, 0.2786
Android (android.graphics.Color)	4288099669 (0xFF973555)
YUV	85.9500, -0.4683, 57.0489
Hunter-Lab	31.2752, 34.7335, 3.5870

Details

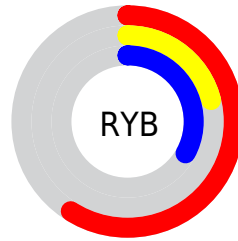
The HunterLab color **31.2752, 34.7335, 3.5870** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49.2161, -28.5874, 8.7992**, and the grayscale version is **30.4775, -1.6262, 1.6559**.

A 20% lighter version of the original color is **50.3783, 38.1499, 5.1667**, and **16.2481, 28.7682, 3.1902** is the 20% darker color. If you saturate the color by 10%, you get **29.0950, 39.3724, 5.1145**, and if you desaturate by 10%, it is **33.9936, 29.3017, 2.5058**.

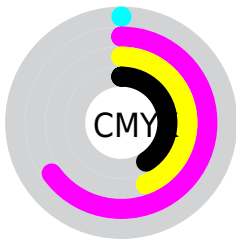
Distribution



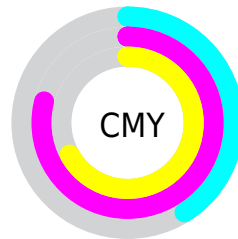
- Red (59%)
- Green (21%)
- Blue (33%)



- Red (59%)
- Yellow (21%)
- Blue (33%)



- Cyan (0%)
- Magenta (65%)
- Yellow (44%)
- Black (41%)



- Cyan (41%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2752, 34.7335, 3.5870 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 31.2752, 34.7335, 3.5870 by changing the saturation by 10% instead.

31.2752, 34.7335,
3.5870

31.2752, 34.7335,
3.5870

137.5167, 45.8558,
10.6374

22.9229, 32.9598,
2.9349

50.3830, 37.9415,
4.9722

15.4836, 31.1422,
2.3055

61.0152, 39.3695,
5.7046

9.0805, 29.5717,
1.8466

72.3051, 40.6864,
6.4635

0.0000, INF, NaN

0.0000, NaN, NaN

84.2165, 41.8997,
7.2484

0.0000, NaN, NaN

96.7184, 43.0168,
8.0589

0.0000, NaN, NaN

109.7842, 44.0445,

0.0000, NaN, NaN

8.8942

0.0000, NaN, NaN

123.3905, 44.9890,
9.7539

■ 31.2752, 34.7335,
3.5870

■ 31.2752, 34.7335,
3.5870

■ 29.0950, 39.3724,
5.1145

■ 33.9936, 29.3017,
2.5058

■ 27.4993, 42.8118,
7.0228

■ 37.1810, 23.4551,
1.8633

■ 26.4907, 44.7661,
9.1600

■ 40.7695, 17.4567,
1.6154

■ 26.0837, 45.5290,
10.1889

■ 44.6972, 11.4678,
1.7034

■ 48.9113, 5.5725,
2.0692

■ 53.3690, -0.1942,
2.6622

■ 58.0355, -5.8250,
3.4407

■ 62.8830, -11.3272,
4.3715

■ 67.8892, -16.7144,
5.4284

Harmonies

Analogous

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



31.2760, 30.5031, -13.8681



31.2752, 34.7335, 3.5870



31.2760, 27.7262, 13.8955

Triad

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



31.2760, 34.7311, 3.5878



31.2760, -16.8491, 17.4381



31.2760, -13.9457, -36.8855

Complementary

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



31.2752, 34.7335, 3.5870



49.2161, -28.5874, 8.7992

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.



31.2760, -23.0901, -19.0361



31.2752, 34.7335, 3.5870



31.2760, -24.5183, 11.9350

Square

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



31.2760, 34.7311, 3.5878



31.2760, -3.6913, 18.9799



31.2760, -26.5544, -0.3081



31.2760, 0.4029, -42.9662

Rectangle

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



31.2752, 34.7335, 3.5870



31.2760, 18.3103, 17.1948



31.2760, -26.5544, -0.3081



31.2760, -17.6284, -31.7392

Sweetspot

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



31.2760, 34.7311, 3.5878



62.8831, 10.9749, 2.5082



29.4213, 35.7327, -40.2465



29.2704, 6.2305, 1.1371



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.



31.2760, 34.7311, 3.5878



37.8401, 55.0682, 7.9816



33.3682, 24.8114, 15.0098



25.0086, 1.1146, 1.1577



24.0682, 42.0303, 9.2523



3.0463, 5.5164, -0.3529

Inverse Universe

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



31.2760, 34.7311, 3.5878



37.8401, 55.0682, 7.9816



44.9741, -16.5031, -11.1738



25.0086, 1.1146, 1.1577



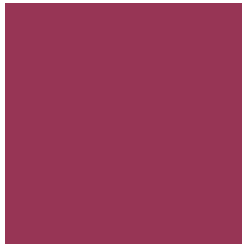
24.0682, 42.0303, 9.2523



3.0463, 5.5164, -0.3529

Previews

White Background



This preview shows how the HunterLab color 31.2752, 34.7335, 3.5870 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 31.2752, 34.7335, 3.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

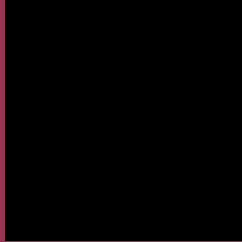
Any Text WCAG AA × Fail

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 31.2752, 34.7335, 3.5870 Background



This preview shows how black text looks on a background with the HunterLab color 31.2752, 34.7335, 3.5870.

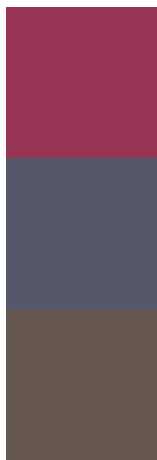


This preview shows how white text looks on a background with the HunterLab color 31.2752, 34.7335,

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

31.2752, 34.7335, 3.5870

Protanopia

31.6204, 0.7144, -6.0708

Deuteranopia

31.6251, 1.9034, 5.2921



Tritanopia

31.2466, 29.7340, 11.1269

Trichromacy



Original Color

31.2752, 34.7335, 3.5870

Protanomaly

30.3793, 12.3570, -3.6161

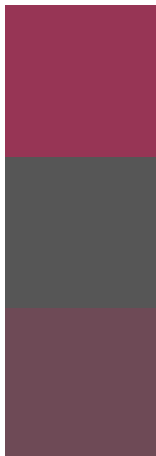
Deuteranomaly

30.7062, 13.5778, 3.7452

Tritanomaly

31.2323, 31.6283, 8.7992

Monochromacy



Original Color

31.2752, 34.7335, 3.5870

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.8068, 11.0709, 1.0480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2752, 34.7335, 3.5870 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(151, 53, 85)` looks like.

```
.text, #text, p{  
    color:rgb(151, 53, 85)  
}
```

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(151, 53, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 53, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2752, 34.7335, 3.5870 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(151, 53, 85) }
```


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

```
.border{ border-color:rgb(151, 53, 85) }
```

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

Here you see how a box with a 4 pixel rgb(151, 53, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 53, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 53, 85);  
box-shadow:4px 4px 4px 4px rgb(151, 53,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2752, 34.7335, 3.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 53, 85) }
```

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

```
.background{ background-color: rgb(151, 53,  
85) }
```

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