

Converting Colors

HunterLab(40.4912, 30.8838,
0.2097)

Have a look what the booklet for
HunterLab(40.4912, 30.8838,
0.2097) contains.

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Color

**HunterLab(40.4364, 31.1901,
0.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5576
RGB	170, 85, 118
RGB Percent	67%, 33%, 46%
CMY	0.3333, 0.6666, 0.5373
CMYK	0.00, 0.50, 0.31, 0.33
HSL	337°, 33%, 50%
HSV	337°, 50%, 67%
XYZ	23.0960, 16.3510, 19.0783
YIQ	114.1770, 40.0670, 28.2830

Conversions

Conversions Part 2

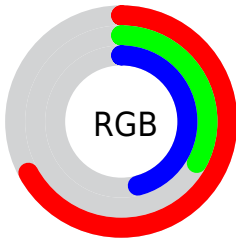
Format	Color
R_{YB}	170, 85, 118
Decimal	11162998
CIE Lab	47.43, 38.60, -2.55
CIE LCh	47, 38.680, 356.221
Yxy	16.3518, 0.3946, 0.2794
Android (android.graphics.Color)	4289353078 (0xFFAA5576)
YUV	114.1770, 1.8847, 48.9568
Hunter-Lab	40.4364, 31.1901, 0.3319

Details

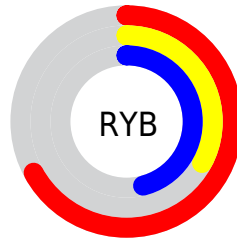
The HunterLab color **40.4364, 31.1901, 0.3319** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **56.9976, -28.8528, 9.9960**, and the grayscale version is **41.0718, -2.1915, 2.2315**.

A 20% lighter version of the original color is **60.9299, 33.6416, 1.1270**, and **22.8716, 28.2461, -0.4328** is the 20% darker color. If you saturate the color by 10%, you get **37.0879, 37.7578, 1.0120**, and if you desaturate by 10%, it is **44.2932, 24.2523, 0.1956**.

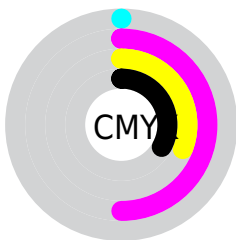
Distribution



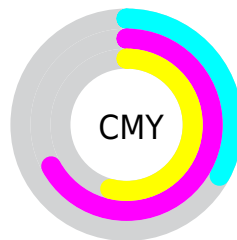
- Red (67%)
- Green (33%)
- Blue (46%)



- Red (67%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (31%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4364, 31.1901, 0.3319 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 40.4364, 31.1901, 0.3319 by changing the saturation by 10% instead.

40.4364, 31.1901,
0.3319

40.4364, 31.1901,
0.3319

152.1213, 39.7489,
5.4140

31.2625, 29.7136,
-0.0204

60.9983, 33.7663,
1.1895

22.9107, 28.1141,
-0.3154

72.2872, 34.8869,
1.6842

15.4729, 26.4195,
-0.5425

84.1977, 35.9070,
2.2187

9.0711, 24.8312,
-0.6987

96.6987, 36.8345,
2.7906

0.0000, INF, NaN

0.0000, NaN, NaN

109.7637, 37.6766,
3.3978

0.0000, NaN, NaN

123.3692, 38.4395,

0.0000, NaN, NaN

137.4946, 39.1287,
4.7109

■ 40.4364, 31.1901,
0.3319

■ 40.4364, 31.1901,
0.3319

■ 37.0879, 37.7578,
1.0120

■ 44.2932, 24.2523,
0.1956

■ 34.3234, 43.5737,
2.2928

■ 48.5790, 17.2120,
0.5164

■ 32.2106, 48.1573,
4.1730


■ 53.2279, 10.2174,
1.2114


■ 30.7806, 51.0775,
6.5503


■ 58.1844, 3.3426,
2.2073


■ 29.8990, 52.5175,
9.1227


■ 63.4033, -3.3848,
3.4451

 29.8987, 52.5179,
9.1234

 68.8481, -9.9630,
4.8781

 74.4897, -16.4029,
6.4704

 80.3046, -22.7207,
8.1943

 86.2737, -28.9342,
10.0284

Harmonies

Analogous

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



40.4374, 24.9991, -16.4252



40.4364, 31.1901, 0.3319



40.4374, 27.4159, 12.6264

Triad

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



40.4374, 31.1878, 0.3328



40.4374, -14.2373, 19.9989



40.4374, -17.1084, -28.2522

Complementary

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



40.4364, 31.1901, 0.3319



56.9976, -28.8528, 9.9960

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.



40.4374, -25.1055, -12.0489



40.4364, 31.1901, 0.3319



40.4374, -23.6271, 14.7711

Square

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



40.4374, 31.1878, 0.3328



40.4374, -0.2230, 21.2327



40.4374, -27.3050, 3.9843



40.4374, -4.0609, -36.3374

Rectangle

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



40.4364, 31.1901, 0.3319



40.4374, 20.0215, 17.5274



40.4374, -27.3050, 3.9843



40.4374, -20.3975, -23.3387

Sweetspot

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



40.4374, 31.1878, 0.3328



74.8048, 9.3637, 2.2204



38.2550, 29.4463, -34.8536



34.6842, 5.3199, 0.9231



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



40.4374, 31.1878, 0.3328



49.5108, 51.7745, 1.5111



41.3758, 23.2633, 13.5860



27.5476, 1.3428, 1.0769



25.6635, 45.1168, 7.5346



4.1268, 7.4879, -0.5932

Inverse Universe

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



40.4374, 31.1878, 0.3328



49.5108, 51.7745, 1.5111



55.2258, -19.6060, -7.1424



27.5476, 1.3428, 1.0769



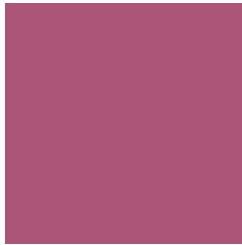
25.6635, 45.1168, 7.5346



4.1268, 7.4879, -0.5932

Previews

White Background



This preview shows how the HunterLab color 40.4364, 31.1901, 0.3319 looks on a white background.

Color Contrast Check

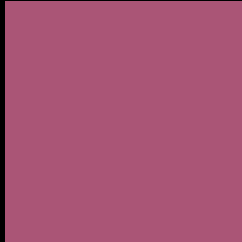
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4364, 31.1901, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

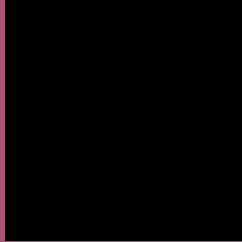
Any Text WCAG AA × Fail

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 40.4364, 31.1901, 0.3319 Background



This preview shows how black text looks on a background with the HunterLab color 40.4364, 31.1901, 0.3319.



This preview shows how white text looks on a background with the HunterLab color 40.4364, 31.1901,

0.3319.

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

40.4364, 31.1901, 0.3319

Protanopia

40.6519, 0.6585, -8.3698

Deuteranopia

40.4514, 2.7888, 1.6413



Tritanopia

40.3907, 25.7997, 9.0959

Trichromacy



Original Color

40.4364, 31.1901, 0.3319

Protanomaly

39.8911, 11.0654, -6.0943

Deuteranomaly

39.9094, 12.7542, 0.7191

Tritanomaly

40.5141, 27.5742, 6.2811

Monochromacy



Original Color

40.4364, 31.1901, 0.3319

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.0083, 9.2957, 0.7791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4364, 31.1901, 0.3319 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(170, 85, 118)` looks like.

```
.text, #text, p{  
    color:rgb(170, 85, 118)  
}
```

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(170, 85, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 85, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4364, 31.1901, 0.3319 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(170, 85, 118) }
```


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

```
.border{ border-color:rgb(170, 85, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 85, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 85, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 85, 118);  
box-shadow:4px 4px 4px 4px rgb(170, 85,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4364, 31.1901, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 85, 118) }
```

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

```
.background{ background-color: rgb(170, 85,  
118) }
```

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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