

Converting Colors

HunterLab(31.2556, 31.4856,
-16.3581)

Have a look what the booklet for
HunterLab(31.2556, 31.4856,
-16.3581) contains.

HunterLab(31.2335, 31.5553, -16.3996)	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(31.2335, 31.5553,
-16.3996)**

Conversions

Conversions Part 1

Format	Color
Hex	863C7C
RGB	134, 60, 124
RGB Percent	53%, 24%, 49%
CMY	0.4745, 0.7647, 0.5137
CMYK	0.00, 0.55, 0.07, 0.47
HSL	308°, 38%, 38%
HSV	308°, 55%, 53%
XYZ	15.0855, 9.7553, 20.1567
YIQ	89.4220, 23.5600, 35.5920

Conversions

Conversions Part 2

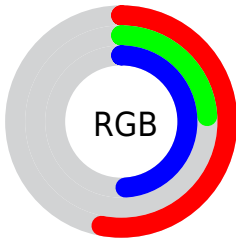
Format	Color
RYB	134, 60, 124
Decimal	8797308
CIELab	37.40, 40.54, -21.92
CIELCh	37, 46.086, 331.605
Yxy	9.7558, 0.3353, 0.2168
Android (android.graphics.Color)	4286987388 (0xFF863C7C)
YUV	89.4220, 17.0470, 39.0949
Hunter-Lab	31.2335, 31.5553, -16.3996

Details

The HunterLab color **31.2335, 31.5553, -16.3996** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42.9575, -27.4127, 17.9920**, and the grayscale version is **31.6961, -1.6912, 1.7221**.

A 20% lighter version of the original color is **50.3607, 34.5291, -17.3335**, and **15.4553, 28.3106, -15.5171** is the 20% darker color. If you saturate the color by 10%, you get **29.1200, 37.0458, -19.0219**, and if you desaturate by 10%, it is **33.7465, 25.5460, -13.3257**.

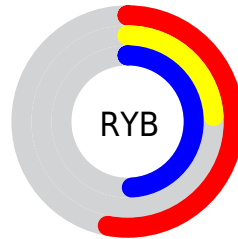
Distribution



Red (53%)

Green (24%)

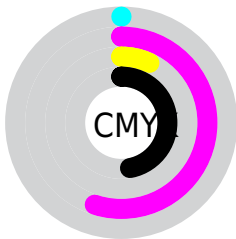
Blue (49%)



Red (53%)

Yellow (24%)

Blue (49%)

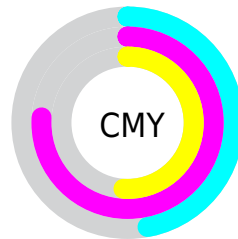


Cyan (0%)

Magenta (55%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2335, 31.5553, -16.3996 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 31.2335, 31.5553, -16.3996 by changing the saturation by 10% instead.

31.2335, 31.5553,
-16.3996

31.2335, 31.5553,
-16.3996

137.4482, 41.6193,
-18.2679

22.8852, 29.8867,
-15.9086

50.3340, 34.5261,
-17.2342

15.4505, 28.1410,
-15.4306

60.9629, 35.8317,
-17.5586

9.0514, 26.5585,
-15.1819

72.2498, 37.0269,
-17.8198

0.0000, INF, -NF

0.0000, NaN, -NF

84.1583, 38.1202,
-18.0199

0.0000, NaN, NaN

96.6575, 39.1195,
-18.1619

0.0000, NaN, NaN

109.7206, 40.0317,

0.0000, NaN, NaN

-18.2487

0.0000, NaN, NaN

123.3244, 40.8632,
-18.2832

■ 31.2335, 31.5553,
-16.3996

■ 31.2335, 31.5553,
-16.3996

■ 29.1200, 37.0458,
-19.0219

■ 33.7465, 25.5460,
-13.3257

■ 27.4458, 41.6846,
-21.0052

■ 36.6083, 19.2920,
-9.9689

■ 26.2361, 45.1339,
-22.1770

■ 39.7724, 12.9769,
-6.4516

■ 25.4677, 47.2319,
-22.4857

■ 43.1964, 6.7123,
-2.8572

■ 25.1532, 48.0785,
-22.5281

■ 46.8436, 0.5566,
0.7629

■ 50.6838, -5.4661,
4.3793

■ 54.6919, -11.3521,
7.9768

■ 58.8472, -17.1083,
11.5491

■ 63.1331, -22.7472,
15.0947

Harmonies

Analogous

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



31.2342, 16.8242, -36.6442



31.2335, 31.5553, -16.3996



31.2342, 36.9425, 2.5364

Triad

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



31.2342, 31.5539, -16.3986



31.2342, -2.5548, 19.3489



31.2342, -24.4174, -18.6945

Complementary

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



31.2335, 31.5553, -16.3996



42.9575, -27.4127, 17.9920

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.



31.2342, -27.5427, 0.8401



31.2335, 31.5553, -16.3996



31.2342, -16.6601, 18.0568

Square

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



31.2342, 31.5539, -16.3986



31.2342, 14.9555, 18.3292



31.2342, -25.0267, 12.9438



31.2342, -15.4095, -38.3866

Rectangle

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



31.2335, 31.5553, -16.3996



31.2342, 33.7767, 10.9205



31.2342, -25.0267, 12.9438



31.2342, -26.0950, -11.6299

Sweetspot

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



31.2342, 31.5539, -16.3986



56.3321, 10.6893, -4.8243



25.0013, 16.4750, -37.7936



26.3784, 5.7204, -2.6630



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.2342, 31.5539, -16.3986



38.1046, 50.6613, -25.9187



29.9848, 25.9493, 1.0438



21.7998, 1.4118, -0.3114



24.3521, 46.5509, -21.8395



1.4590, 2.8299, -1.6249

Inverse Universe

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



31.2342, 31.5539, -16.3986



38.1046, 50.6613, -25.9187



43.6692, -23.1364, 7.6673



21.7998, 1.4118, -0.3114



24.3521, 46.5509, -21.8395



1.4590, 2.8299, -1.6249

Previews

White Background



This preview shows how the HunterLab color 31.2335, 31.5553, -16.3996 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 31.2335, 31.5553, -16.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

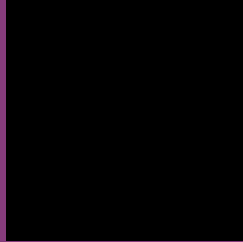
Any Text WCAG AA × Fail

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 31.2335, 31.5553, -16.3996 Background



This preview shows how black text looks on a background with the HunterLab color 31.2335, 31.5553, -16.3996.



This preview shows how white text looks on a background with the HunterLab color 31.2335, 31.5553, -16.3996.

-16.3996.

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

31.2335, 31.5553, -16.3996

Protanopia

31.6473, 5.3996, -31.3517

Deuteranopia

31.3907, 2.1931, -13.5831



Tritanopia

31.3651, 17.4453, 6.3602

Trichromacy



Original Color

31.2335, 31.5553, -16.3996

Protanomaly

30.5228, 13.5913, -27.6606

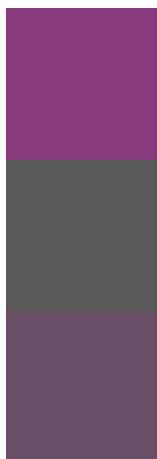
Deuteranomaly

30.6554, 12.5033, -15.8772

Tritanomaly

31.2533, 22.1111, -0.4442

Monochromacy



Original Color

31.2335, 31.5553, -16.3996

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

30.6779, 10.0169, -5.2153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2335, 31.5553, -16.3996 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(134, 60, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 60, 124)  
}
```

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(134, 60, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 60, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2335, 31.5553, -16.3996 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(134, 60, 124) }
```


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

```
.border{ border-color:rgb(134, 60, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 60, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 60, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 60, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 60,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2335, 31.5553, -16.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 60, 124) }
```

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

```
.background{ background-color: rgb(134, 60,  
124) }
```

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