

Converting Colors

HunterLab(31.6329, 49.0546,
-7.3863)

Have a look what the booklet for
HunterLab(31.6329, 49.0546,
-7.3863) contains.

HunterLab(31.6228, 48.8750, -7.3169)	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(31.6228, 48.8750,
-7.3169)**

Conversions

Conversions Part 1

Format	Color
Hex	A3216E
RGB	163, 33, 110
RGB Percent	64%, 13%, 43%
CMY	0.3608, 0.8706, 0.5686
CMYK	0.00, 0.80, 0.33, 0.36
HSL	324°, 66%, 38%
HSV	324°, 80%, 64%
XYZ	18.4626, 10.0000, 15.7089
YIQ	80.6480, 52.7630, 51.5070

Conversions

Conversions Part 2

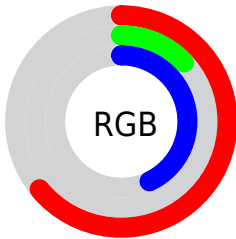
Format	Color
R_{YB}	163, 33, 110
Decimal	10690926
CIE _{Lab}	37.84, 57.49, -12.06
CIE _{LCh}	38, 58.740, 348.150
Yxy	10.0006, 0.4180, 0.2264
Android (android.graphics.Color)	4288881006 (0xFFA3216E)
YUV	80.6480, 14.4705, 72.2227
Hunter-Lab	31.6228, 48.8750, -7.3169

Details

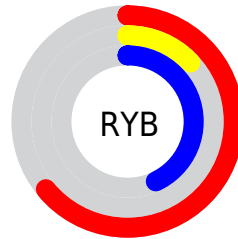
The HunterLab color **31.6228, 48.8750, -7.3169** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **52.1440, -38.5180, 21.4437**, and the grayscale version is **28.4951, -1.5204, 1.5482**.

A 20% lighter version of the original color is **50.7863, 53.3751, -7.6772**, and **18.4715, 33.5159, -2.6596** is the 20% darker color. If you saturate the color by 10%, you get **30.2736, 51.7753, -5.7532**, and if you desaturate by 10%, it is **33.5934, 44.3244, -8.0348**.

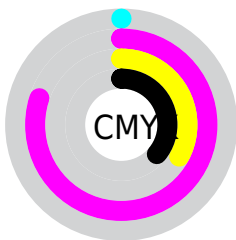
Distribution



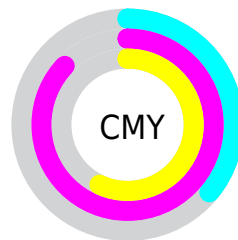
- Red (64%)
- Green (13%)
- Blue (43%)



- Red (64%)
- Yellow (13%)
- Blue (43%)



- Cyan (0%)
- Magenta (80%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6228, 48.8750, -7.3169 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 31.6228, 48.8750, -7.3169 by changing the saturation by 10% instead.

31.6228, 48.8750,
-7.3169

31.6228, 48.8750,
-7.3169

138.0855, 64.0203,
-6.1342

23.2365, 46.7908,
-7.1235

50.7903, 52.9194,
-7.4661

15.7589, 44.8610,
-6.8459

61.4492, 54.8043,
-7.4378

9.3183, 43.6469,
-6.4958

72.7644, 56.5846,
-7.3484

0.0000, INF, -NF

0.0000, INF, NaN

84.6996, 58.2613,
-7.2030

0.0000, NaN, NaN

97.2243, 59.8384,
-7.0055

0.0000, NaN, NaN

110.3119, 61.3205,

0.0000, NaN, NaN

-6.7596

0.0000, NaN, NaN

123.9392, 62.7128,
-6.4683

■ 31.6228, 48.8750,
-7.3169

■ 31.6228, 48.8750,
-7.3169

■ 30.2736, 51.7753,
-5.7532

■ 33.5934, 44.3244,
-8.0348

■ 29.4161, 53.2138,
-3.5935

■ 36.1592, 38.5280,
-7.9278

■ 29.3957, 53.2480,
-3.5393

■ 39.2651, 31.9341,
-7.1025

■ 42.8431, 24.9218,
-5.6999

■ 46.8258, 17.7561,
-3.8546

■ 51.1527, 10.5980,
-1.6777

■ 55.7727, 3.5331,
0.7463

■ 60.6439, -3.4016,
3.3555

■ 65.7320, -10.1967,
6.1059

Harmonies

Analogous

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



31.6237, 34.7370, -36.5857



31.6228, 48.8750, -7.3169



31.6237, 47.0791, 11.5699

Triad

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



31.6237, 48.8724, -7.3158



31.6237, -13.4047, 20.9006



31.6237, -24.5377, -42.8887

Complementary

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



31.6228, 48.8750, -7.3169



52.1440, -38.5180, 21.4437

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.



31.6237, -31.8365, -12.8858



31.6228, 48.8750, -7.3169



31.6237, -26.6730, 18.1977

Square

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



31.6237, 48.8724, -7.3158



31.6237, 7.1193, 21.1195



31.6237, -32.4985, 8.6903



31.6237, -9.6277, -64.5410

Rectangle

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



31.6228, 48.8750, -7.3169



31.6237, 37.1471, 17.5223



31.6237, -32.4985, 8.6903



31.6237, -27.7722, -32.7927

Sweetspot

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



31.6237, 48.8724, -7.3158



65.6831, 18.6711, -3.6606



23.7994, 40.1164, -70.9548



30.2036, 10.3959, -2.1966



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.



31.6237, 48.8724, -7.3158



39.6343, 70.6692, -5.3090



30.1199, 42.9509, 14.2219



26.7452, 1.5264, 0.4146



25.9324, 47.0063, -3.3692



3.8774, 7.2380, -2.1292

Inverse Universe

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



31.6237, 48.8724, -7.3158



39.6343, 70.6692, -5.3090



53.5910, -29.7339, 0.5789



26.7452, 1.5264, 0.4146



25.9324, 47.0063, -3.3692



3.8774, 7.2380, -2.1292

Previews

White Background



This preview shows how the HunterLab color 31.6228, 48.8750, -7.3169 looks on a white background.

Color Contrast Check

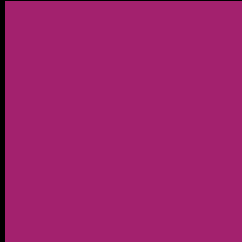
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6228, 48.8750, -7.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

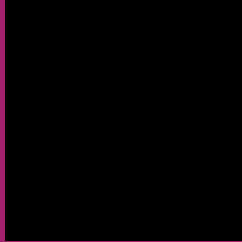
Any Text WCAG AA × Fail

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 31.6228, 48.8750, -7.3169 Background



This preview shows how black text looks on a background with the HunterLab color 31.6228, 48.8750, -7.3169.



This preview shows how white text looks on a background with the HunterLab color 31.6228, 48.8750,

-7.3169.

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

31.6228, 48.8750, -7.3169

Protanopia

32.1055, 5.8700, -32.6233

Deuteranopia

32.0716, 2.0477, -3.9239



Tritanopia

31.7699, 35.3775, 13.6826

Trichromacy



Original Color

31.6228, 48.8750, -7.3169

Protanomaly

29.4112, 20.1890, -27.7312

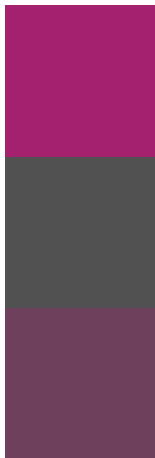
Deuteranomaly

30.0440, 19.5495, -8.0540

Tritanomaly

31.3764, 39.9361, 7.7910

Monochromacy



Original Color

31.6228, 48.8750, -7.3169

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

27.9625, 16.9484, -3.9418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6228, 48.8750, -7.3169 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(163, 33, 110)` looks like.

```
.text, #text, p{  
    color:rgb(163, 33, 110)  
}
```

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(163, 33, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 33, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6228, 48.8750, -7.3169 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(163, 33, 110) }
```


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

```
.border{ border-color:rgb(163, 33, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 33, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 33, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 33, 110);  
box-shadow:4px 4px 4px 4px rgb(163, 33,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6228, 48.8750, -7.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 33, 110) }
```

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

```
.background{ background-color: rgb(163, 33,  
110) }
```

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