

Converting Colors

HunterLab(31.2845, 49.8249,
-7.0776)

Have a look what the booklet for
HunterLab(31.2845, 49.8249,
-7.0776) contains.

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Color

**HunterLab(31.2560, 49.8339,
-7.3123)**

Conversions

Conversions Part 1

Format	Color
Hex	A31D6D
RGB	163, 29, 109
RGB Percent	64%, 11%, 43%
CMY	0.3608, 0.8862, 0.5725
CMYK	0.00, 0.82, 0.33, 0.36
HSL	324°, 70%, 38%
HSV	324°, 82%, 64%
XYZ	18.3039, 9.7694, 15.3889
YIQ	78.1860, 54.1840, 53.2880

Conversions

Conversions Part 2

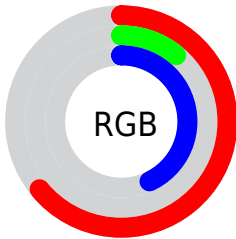
Format	Color
R_{YB}	163, 29, 109
Decimal	10689901
CIE _{Lab}	37.43, 58.45, -12.06
CIE _{LCh}	37, 59.687, 348.338
Yxy	9.7699, 0.4211, 0.2248
Android (android.graphics.Color)	4288879981 (0xFFA31D6D)
YUV	78.1860, 15.1913, 74.3819
Hunter-Lab	31.2560, 49.8339, -7.3123

Details

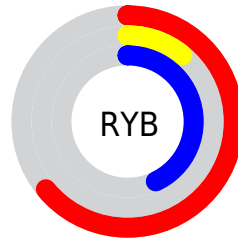
The HunterLab color **31.2560, 49.8339, -7.3123** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **52.0389, -39.0470, 22.0562**, and the grayscale version is **27.6039, -1.4729, 1.4998**.

A 20% lighter version of the original color is **50.4134, 54.1610, -7.6425**, and **18.4421, 33.4094, -2.2448** is the 20% darker color. If you saturate the color by 10%, you get **30.0581, 52.2971, -5.5796**, and if you desaturate by 10%, it is **33.0727, 45.6514, -8.2077**.

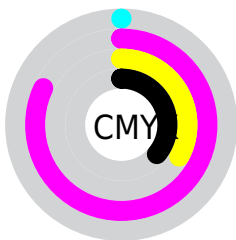
Distribution



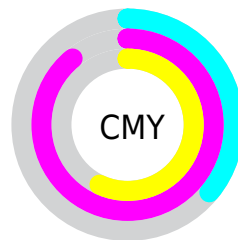
- Red (64%)
- Green (11%)
- Blue (43%)



- Red (64%)
- Yellow (11%)
- Blue (43%)



- Cyan (0%)
- Magenta (82%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2560, 49.8339, -7.3123 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 31.2560, 49.8339, -7.3123 by changing the saturation by 10% instead.

■ 31.2560, 49.8339,
-7.3123

■ 31.2560, 49.8339,
-7.3123

■ 137.4852, 65.2759,
-6.1515

■ 22.9056, 47.7377,
-7.1153

■ 50.3605, 53.9341,
-7.4678

■ 15.4684, 45.8278,
-6.8341

■ 60.9912, 55.8526,
-7.4422

■ 9.0672, 44.7930,
-6.4982

■ 72.2797, 57.6676,
-7.3554

0.0000, INF, -NF

0.0000, INF, NaN

■ 84.1898, 59.3795,
-7.2123

0.0000, NaN, NaN

■ 96.6904, 60.9915,
-7.0170

0.0000, NaN, NaN

■ 109.7550, 62.5083,

0.0000, NaN, NaN

-6.7732

0.0000, NaN, NaN

123.3602, 63.9348,
-6.4838

■ 31.2560, 49.8339,
-7.3123

■ 31.2560, 49.8339,
-7.3123

■ 30.0581, 52.2971,
-5.5796

■ 33.0727, 45.6514,
-8.2077

■ 29.4200, 53.3358,
-3.8816

■ 35.4939, 40.1121,
-8.2584

■ 38.4705, 33.6659,
-7.5570

■ 41.9363, 26.7166,
-6.2429

■ 45.8228, 19.5583,
-4.4558

■ 50.0676, 12.3757,
-2.3139

■ 54.6175, 5.2704,
0.0915

■ 59.4281, -1.7105,
2.6937

■ 64.4636, -8.5521,
5.4447

Harmonies

Analogous

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



31.2569, 35.4855, -37.2158



31.2560, 49.8339, -7.3123



31.2569, 47.8896, 11.6975

Triad

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



31.2569, 49.8312, -7.3112



31.2569, -13.6134, 20.8358



31.2569, -24.6279, -44.0771

Complementary

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



31.2560, 49.8339, -7.3123



52.0389, -39.0470, 22.0562

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.



31.2569, -31.9697, -13.3264



31.2560, 49.8339, -7.3123



31.2569, -26.8946, 18.1571

Square

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



31.2569, 49.8312, -7.3112



31.2569, 7.1098, 21.0744



31.2569, -32.6690, 8.6370



31.2569, -9.5753, -66.2480

Rectangle

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



31.2560, 49.8339, -7.3123



31.2569, 37.6937, 17.5632



31.2569, -32.6690, 8.6370



31.2569, -27.8824, -33.7194

Sweetspot

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



31.2569, 49.8312, -7.3112



65.1023, 19.6903, -4.0755



23.1187, 41.2549, -73.8962



29.9516, 10.8560, -2.3870



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.



31.2569, 49.8312, -7.3112



39.4065, 71.0870, -4.7887



29.7252, 43.8757, 14.6385



26.7462, 1.5320, 0.3998



25.9538, 47.0835, -3.6700



3.8798, 7.2467, -2.1627

Inverse Universe

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



31.2569, 49.8312, -7.3112



39.4065, 71.0870, -4.7887



53.5210, -30.0367, 0.6754



26.7462, 1.5320, 0.3998



25.9538, 47.0835, -3.6700



3.8798, 7.2467, -2.1627

Previews

White Background



This preview shows how the HunterLab color 31.2560, 49.8339, -7.3123 looks on a white background.

Color Contrast Check

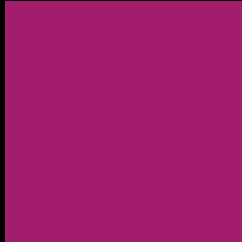
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2560, 49.8339, -7.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

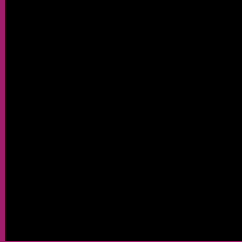
Any Text WCAG AA × Fail

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 31.2560, 49.8339, -7.3123 Background



This preview shows how black text looks on a background with the HunterLab color 31.2560, 49.8339, -7.3123.



This preview shows how white text looks on a background with the HunterLab color 31.2560, 49.8339, -7.3123.

-7.3123.

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

31.2560, 49.8339, -7.3123

Protanopia

31.9990, 5.5242, -32.8697

Deuteranopia

31.7033, 2.0617, -3.9370



Tritanopia

31.3297, 36.4251, 13.7947

Trichromacy



Original Color

31.2560, 49.8339, -7.3123

Protanomaly

29.0601, 20.1871, -27.7564

Deuteranomaly

29.6106, 20.3347, -8.1583

Tritanomaly

31.0009, 40.9137, 7.7636

Monochromacy



Original Color

31.2560, 49.8339, -7.3123

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

26.8406, 17.7084, -4.0283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2560, 49.8339, -7.3123 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, 29, 109)` looks like.

```
.text, #text, p{  
    color:rgb(163, 29, 109)  
}
```

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, 29, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 29, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2560, 49.8339, -7.3123 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, 29, 109) }
```


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

```
.border{ border-color:rgb(163, 29, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 29, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 29, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 29, 109);  
box-shadow:4px 4px 4px 4px rgb(163, 29,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2560, 49.8339, -7.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 29, 109) }
```

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

```
.background{ background-color: rgb(163, 29,  
109) }
```

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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