

Converting Colors

HunterLab(31.6466, 39.6167,
-47.1701)

Have a look what the booklet for
HunterLab(31.6466, 39.6167,
-47.1701) contains.

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Color

**HunterLab(31.6499, 39.9332,
-47.3807)**

Conversions

Conversions Part 1

Format	Color
Hex	7E38A6
RGB	126, 56, 166
RGB Percent	49%, 22%, 65%
CMY	0.5059, 0.7804, 0.3490
CMYK	0.24, 0.66, 0.00, 0.35
HSL	278°, 50%, 44%
HSV	278°, 66%, 65%
XYZ	16.9013, 10.0172, 37.1192
YIQ	89.4700, 6.4100, 49.0500

Conversions

Conversions Part 2

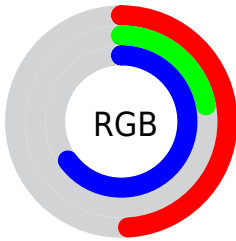
Format	Color
R _{YB}	126, 56, 166
Decimal	8272038
CIE _{Lab}	37.87, 48.95, -46.83
CIE _{LCh}	38, 67.746, 316.271
Yxy	10.0175, 0.2639, 0.1564
Android (android.graphics.Color)	4286462118 (0xFF7E38A6)
YUV	89.4700, 37.7293, 32.0368
Hunter-Lab	31.6499, 39.9332, -47.3807

Details

The HunterLab color **31.6499, 39.9332, -47.3807** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **54.8133, -33.4826, 29.1423**, and the grayscale version is **31.6443, -1.6885, 1.7193**.

A 20% lighter version of the original color is **50.9354, 43.4668, -48.2954**, and **16.0311, 34.8907, -47.2906** is the 20% darker color. If you saturate the color by 10%, you get **28.6730, 45.4610, -56.1352**, and if you desaturate by 10%, it is **35.1779, 33.6370, -38.5395**.

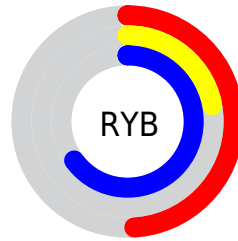
Distribution



Red (49%)

Green (22%)

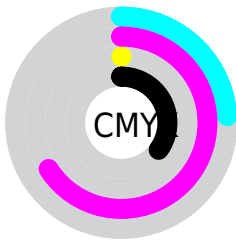
Blue (65%)



Red (49%)

Yellow (22%)

Blue (65%)

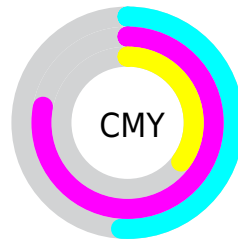


Cyan (24%)

Magenta (66%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (78%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6499, 39.9332, -47.3807 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 31.6499, 39.9332, -47.3807 by changing the saturation by 10% instead.

31.6499, 39.9332,
-47.3807

31.6499, 39.9332,
-47.3807

138.1294, 52.6169,
-53.1174

23.2607, 38.0229,
-47.4497

50.8217, 43.4808,
-48.3575

15.7801, 36.1241,
-48.5461

61.4828, 45.0872,
-49.0477

9.3364, 34.5716,
-52.3470

72.7998, 46.5832,
-49.7723

0.0000, INF, -NF

0.0000, NaN, -NF

84.7369, 47.9745,
-50.4974

0.0000, NaN, -NF

97.2634, 49.2674,
-51.2038

0.0000, NaN, NaN

0.0000, NaN, NaN

110.3526, 50.4682,

-51.8798

0.0000, NaN, NaN

123.9815, 51.5829,
-52.5190

■ 31.6499, 39.9332,
-47.3807

■ 31.6499, 39.9332,
-47.3807

■ 28.6730, 45.4610,
-56.1352

■ 35.1779, 33.6370,
-38.5395

■ 26.3265, 49.6367,
-64.1571

■ 39.1680, 27.0032,
-30.0026

■ 24.6359, 51.9604,
-70.7336

■ 43.5430, 20.2901,
-21.9374

■ 24.0733, 52.6626,
-73.0973

■ 48.2383, 13.6312,
-14.3792

■ 53.2028, 7.0838,
-7.2970

■ 58.3964, 0.6635,
-0.6335

■ 63.7875, -5.6345,
5.6739

■ 69.3512, -11.8241,
11.6841

■ 75.0677, -17.9217,
17.4485

Harmonies

Analogous

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



31.6505, 12.5827, -78.2527



31.6499, 39.9332, -47.3807



31.6505, 58.1244, -10.8301

Triad

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



31.6505, 39.9328, -47.3794



31.6505, 10.2535, 22.1554



31.6505, -35.3501, -13.5371

Complementary

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



31.6499, 39.9332, -47.3807



54.8133, -33.4826, 29.1423

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.



31.6505, -35.6285, 10.6025



31.6499, 39.9332, -47.3807



31.6505, -13.8111, 22.1203

Square

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



31.6505, 39.9328, -47.3794



31.6505, 37.7879, 19.9936



31.6505, -28.9950, 19.6645



31.6505, -28.0661, -50.6006

Rectangle

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



31.6499, 39.9332, -47.3807



31.6505, 59.8819, 6.2274



31.6505, -28.9950, 19.6645



31.6505, -36.1686, -3.5599

Sweetspot

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



31.6505, 39.9328, -47.3794



68.8863, 13.1462, -13.6766



34.6714, 4.8507, -40.2439



31.7330, 7.3484, -7.6936



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



31.6505, 39.9328, -47.3794



36.8651, 64.4632, -81.4589



36.3055, 48.3351, -24.8290



27.4376, 1.2544, -1.2624



21.2625, 46.4533, -64.0939



3.7064, 7.7487, -8.4686

Inverse Universe

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



34.3223, 40.0582, 2.7336



41.8518, 63.4123, 7.4257



53.4454, -38.7757, 25.7025



27.5422, 1.3135, 1.1547



25.5947, 44.8642, 8.5345



4.1135, 7.4397, -0.4053

Previews

White Background



This preview shows how the HunterLab color 31.6499, 39.9332, -47.3807 looks on a white background.

Color Contrast Check

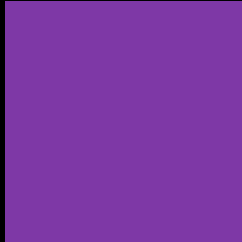
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6499, 39.9332, -47.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

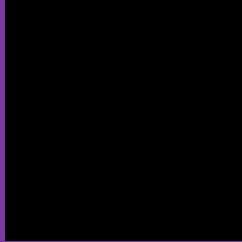
Any Text WCAG AA × Fail

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 31.6499, 39.9332, -47.3807 Background



This preview shows how black text looks on a background with the HunterLab color 31.6499, 39.9332, -47.3807.



This preview shows how white text looks on a background with the HunterLab color 31.6499, 39.9332, -47.3807.

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

31.6499, 39.9332, -47.3807

Protanopia

31.8061, 11.5700, -64.7312

Deuteranopia

31.9250, 2.2801, -41.2048



Tritanopia

31.7548, 8.9198, 2.8879

Trichromacy



Original Color

31.6499, 39.9332, -47.3807

Protanomaly

29.6434, 17.8454, -64.6158

Deuteranomaly

30.1356, 13.7958, -48.4409

Tritanomaly

31.2206, 19.3525, -11.8015

Monochromacy



Original Color

31.6499, 39.9332, -47.3807

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

30.6870, 12.2851, -13.3921

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6499, 39.9332, -47.3807 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(126, 56, 166)` looks like.

```
.text, #text, p{  
    color:rgb(126, 56, 166)  
}
```

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(126, 56, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 56, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6499, 39.9332, -47.3807 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(126, 56, 166) }
```


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

```
.border{ border-color:rgb(126, 56, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 56, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 56, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 56, 166);  
box-shadow:4px 4px 4px 4px rgb(126, 56,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6499, 39.9332, -47.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 56, 166) }
```

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

```
.background{ background-color: rgb(126, 56,  
166) }
```

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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