

Converting Colors

HunterLab(36.7323, 31.5974,
-49.5045)

Have a look what the booklet for
HunterLab(36.7323, 31.5974,
-49.5045) contains.

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Color

**HunterLab(36.7624, 31.1157,
-49.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	7B51B7
RGB	123, 81, 183
RGB Percent	48%, 32%, 72%
CMY	0.5176, 0.6823, 0.2824
CMYK	0.33, 0.56, 0.00, 0.28
HSL	265°, 41%, 52%
HSV	265°, 56%, 72%
XYZ	19.6581, 13.5147, 46.3723
YIQ	105.1860, -7.7100, 40.6260

Conversions

Conversions Part 2

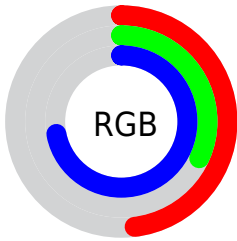
Format	Color
R _Y B	123, 81, 183
Decimal	8081847
CIE Lab	43.53, 39.10, -47.84
CIE LCh	44, 61.784, 309.261
Yxy	13.5152, 0.2471, 0.1699
Android (android.graphics.Color)	4286271927 (0xFF7B51B7)
YUV	105.1860, 38.3623, 15.6229
Hunter-Lab	36.7624, 31.1157, -49.0551

Details

The HunterLab color $[36.7624, 31.1157, -49.0551]$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $[63.3435, -27.9935, 31.2551]$, and the grayscale version is $[37.5176, -2.0018, 2.0384]$.

A 20% lighter version of the original color is $[56.7968, 33.6695, -50.4695]$, and $[19.8441, 27.8835, -49.3369]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.2512, 37.7650, -61.8254]$, and if you desaturate by 10%, it is $[41.7722, 24.4650, -37.4195]$.

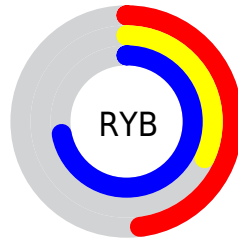
Distribution



Red (48%)

Green (32%)

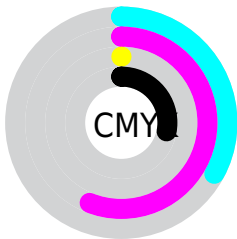
Blue (72%)



Red (48%)

Yellow (32%)

Blue (72%)

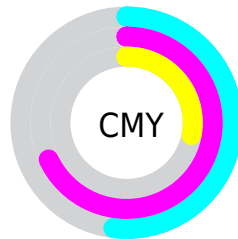


Cyan (33%)

Magenta (56%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (68%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7624, 31.1157, -49.0551 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 36.7624, 31.1157, -49.0551 by changing the saturation by 10% instead.

36.7624, 31.1157,
-49.0551

36.7624, 31.1157,
-49.0551

146.3536, 40.1705,
-54.9905

27.9003, 29.5726,
-48.8739

56.7683, 33.8270,
-50.2042

19.8928, 27.9125,
-49.3805

67.8051, 35.0088,
-50.9208

12.8439, 26.1971,
-51.5119

79.4769, 36.0863,
-51.6564

6.2509, 29.7423,
-65.5327

91.7508, 37.0678,
-52.3845

0.0000, INF, -NF

0.0000, NaN, -NF

104.5986, 37.9608,
-53.0894

0.0000, NaN, -NF

117.9957, 38.7719,

0.0000, NaN, NaN

-53.7620

0.0000, NaN, NaN

131.9205, 39.5068,
-54.3967

■ 36.7624, 31.1157,
-49.0551

■ 36.7624, 31.1157,
-49.0551

■ 32.2512, 37.7650,
-61.8254

■ 41.7722, 24.4650,
-37.4195

■ 28.3628, 44.0308,
-75.4027

■ 47.1800, 17.9733,
-26.9124

■ 25.2421, 49.2039,
-88.8135

■ 52.9128, 11.6842,
-17.3904

■ 23.0029, 52.3635,
-100.3810

■ 58.9156, 5.5900,
-8.6834

■ 22.2017, 53.4200,
-105.0235

■ 65.1476, -0.3360,
-0.6342

■ 71.5777, -6.1247,
6.8894

■ 78.1819, -11.8049,
13.9941

■ 84.9413, -17.4016,
20.7648

■ 91.8407, -22.9356,
27.2685

Harmonies

Analogous

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



36.7631, 5.5720, -70.4090



36.7624, 31.1157, -49.0551



36.7631, 50.3727, -16.6409

Triad

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



36.7631, 31.1156, -49.0538



36.7631, 15.3898, 23.7531



36.7631, -36.7008, -5.5863

Complementary

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



36.7624, 31.1157, -49.0551



63.3435, -27.9935, 31.2551

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.



36.7631, -35.3231, 14.1728



36.7624, 31.1157, -49.0551



36.7631, -8.9372, 24.1473

Square

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



36.7631, 31.1156, -49.0538



36.7631, 39.8291, 20.1041



36.7631, -26.3527, 22.1220



36.7631, -30.7488, -36.7683

Rectangle

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



36.7624, 31.1157, -49.0551



36.7631, 54.8052, 1.4442



36.7631, -26.3527, 22.1220



36.7631, -37.0385, 2.5495

Sweetspot

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



36.7631, 31.1156, -49.0538



77.5835, 8.7246, -13.3576



49.5724, -8.8170, -23.1902



35.7004, 4.8597, -7.3479



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



36.7631, 31.1156, -49.0538



41.8450, 52.6014, -86.9799



42.6211, 45.5243, -35.2612



29.8248, 0.8450, -1.6446



18.6462, 44.7231, -87.1038



3.9880, 8.9378, -13.7660

Inverse Universe

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



42.2795, 41.1795, -8.5644



51.4626, 66.5026, -11.9300



60.5770, -38.9638, 29.0256



30.1636, 1.7763, 0.4618



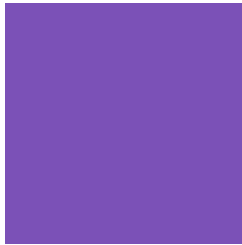
27.9053, 50.5263, -3.1896



5.3526, 9.8936, -2.1779

Previews

White Background



This preview shows how the HunterLab color 36.7624, 31.1157, -49.0551 looks on a white background.

Color Contrast Check

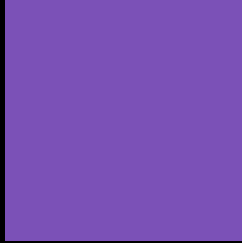
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7624, 31.1157, -49.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

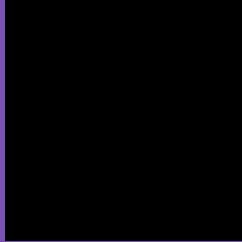
Any Text WCAG AA × Fail

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 36.7624, 31.1157, -49.0551 Background



This preview shows how black text looks on a background with the HunterLab color 36.7624, 31.1157, -49.0551.



This preview shows how white text looks on a background with the HunterLab color 36.7624, 31.1157, -49.0551.

-49.0551.

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

36.7624, 31.1157, -49.0551

Protanopia

37.1617, 12.0822, -66.0392

Deuteranopia

36.9465, 3.1022, -44.7707



Tritanopia

36.8486, 1.1278, -0.1020

Trichromacy



Original Color

36.7624, 31.1157, -49.0551

Protanomaly

36.1537, 17.1611, -62.0916

Deuteranomaly

36.1628, 11.5881, -48.3087

Tritanomaly

36.4217, 10.6872, -14.6837

Monochromacy



Original Color

36.7624, 31.1157, -49.0551

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

36.7477, 9.0321, -13.0007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7624, 31.1157, -49.0551 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(123, 81, 183)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 183)  
}
```

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(123, 81, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7624, 31.1157, -49.0551 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(123, 81, 183) }
```


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

```
.border{ border-color:rgb(123, 81, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 81, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 183);  
box-shadow:4px 4px 4px 4px rgb(123, 81,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7624, 31.1157, -49.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 183) }
```

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

```
.background{ background-color: rgb(123, 81,  
183) }
```

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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