

Converting Colors

HunterLab(38.3956, 36.5211,
-31.2246)

Have a look what the booklet for
HunterLab(38.3956, 36.5211,
-31.2246) contains.

HunterLab(38.4464, 36.5780, -31.3042)	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(38.4464, 36.5780,
-31.3042)**

Conversions

Conversions Part 1

Format	Color
Hex	974EA6
RGB	151, 78, 166
RGB Percent	59%, 31%, 65%
CMY	0.4078, 0.6941, 0.3490
CMYK	0.09, 0.53, 0.00, 0.35
HSL	290°, 36%, 48%
HSV	290°, 53%, 65%
XYZ	22.3698, 14.7813, 37.7504
YIQ	109.8590, 15.2600, 42.8440

Conversions

Conversions Part 2

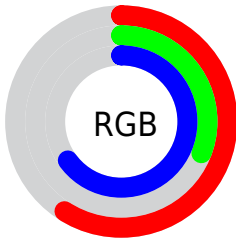
Format	Color
R_{YB}	151, 78, 166
Decimal	9916070
CIE _{Lab}	45.33, 44.34, -34.75
CIE _{LCh}	45, 56.336, 321.908
Yxy	14.7819, 0.2987, 0.1973
Android (android.graphics.Color)	4288106150 (0xFF974EA6)
YUV	109.8590, 27.6775, 36.0807
Hunter-Lab	38.4464, 36.5780, -31.3042

Details

The HunterLab color $38.4464, 36.5780, -31.3042$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $54.9090, -32.6149, 25.4802$, and the grayscale version is $39.3281, -2.0984, 2.1368$.

A 20% lighter version of the original color is $58.6951, 39.5053, -32.2407$, and $21.3316, 33.3252, -30.5198$ is the 20% darker color. If you saturate the color by 10%, you get $35.2787, 43.5914, -38.1293$, and if you desaturate by 10%, it is $42.0949, 29.0955, -24.3653$.

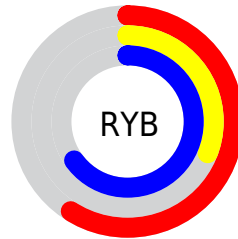
Distribution



Red (59%)

Green (31%)

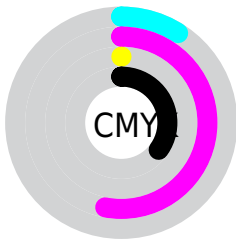
Blue (65%)



Red (59%)

Yellow (31%)

Blue (65%)

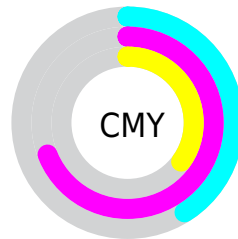


Cyan (9%)

Magenta (53%)

Yellow (0%)

Black (35%)



Cyan (41%)












Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4464, 36.5780, -31.3042 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 38.4464, 36.5780, -31.3042 by changing the saturation by 10% instead.

 38.4464, 36.5780, -31.3042	 38.4464, 36.5780, -31.3042
149.0108, 47.1757, -35.6765	 29.4388, 34.8700, -30.7277
 58.7112, 39.6378, -32.5461	 21.2703, 33.0664, -30.3215
 69.8653, 40.9966, -33.1356	 14.0390, 31.2507, -30.3926
 81.6480, 42.2500, -33.6830	 7.6844, 31.2708, -33.0656
 94.0275, 43.4054, -34.1824	0.0000, INF, -NF
	0.0000, NaN, -NF
 106.9761, 44.4697, -34.6316	0.0000, NaN, NaN
120.4700, 45.4492,	0.0000, NaN, NaN

-35.0299

0.0000, NaN, NaN

134.4878, 46.3495,
-35.3779

■ 38.4464, 36.5780,
-31.3042

■ 38.4464, 36.5780,
-31.3042

■ 35.2787, 43.5914,
-38.1293

■ 42.0949, 29.0955,
-24.3653

■ 32.6587, 49.7078,
-44.5007

■ 46.1525, 21.4468,
-17.5316

■ 30.6425, 54.4141,
-49.9700

■ 50.5583, 13.8106,
-10.9116

■ 29.2483, 57.2746,
-54.1065

■ 55.2603, 6.2808,
-4.5462

■ 28.5156, 58.4886,
-56.4157

■ 60.2158, -1.1028,
1.5635

■ 65.3903, -8.3315,
7.4363

■ 70.7558, -15.4124,
13.0991

■ 76.2898, -22.3606,
18.5803

■ 81.9738, -29.1934,
23.9073

Harmonies

Analogous

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



38.4472, 14.7755, -55.8973



38.4464, 36.5780, -31.3042



38.4472, 48.5533, -3.9198

Triad

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



38.4472, 36.5769, -31.3029



38.4472, 3.9938, 24.2936



38.4472, -33.5969, -15.8452

Complementary

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



38.4464, 36.5780, -31.3042



54.9090, -32.6149, 25.4802

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.



38.4472, -35.2406, 7.2680



38.4464, 36.5780, -31.3042



38.4472, -16.4083, 23.7024

Square

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



38.4472, 36.5769, -31.3029



38.4472, 27.2019, 22.0521



38.4472, -29.6759, 19.4029



38.4472, -24.5452, -44.0456

Rectangle

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



38.4464, 36.5780, -31.3042



38.4472, 47.8475, 9.4113



38.4472, -29.6759, 19.4029



38.4472, -34.9394, -7.0253

Sweetspot

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



38.4472, 36.5769, -31.3029



72.3232, 11.7757, -8.9048



35.2174, 9.5312, -38.8687



33.6194, 6.5155, -5.0098



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.



38.4472, 36.5769, -31.3029



46.6917, 60.6472, -53.3089



39.2367, 36.1875, -11.6000



27.5699, 1.7004, -1.0857



25.1458, 51.5530, -49.5647



4.1280, 8.3276, -7.0866

Inverse Universe

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



37.8770, 29.9777, 7.6531



45.9558, 50.2785, 13.0892



54.7086, -32.5304, 18.4028



27.4998, 1.0855, 1.7588



25.2144, 43.4624, 14.1073



4.0072, 7.0525, 1.1153

Previews

White Background



This preview shows how the HunterLab color 38.4464, 36.5780, -31.3042 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 38.4464, 36.5780, -31.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

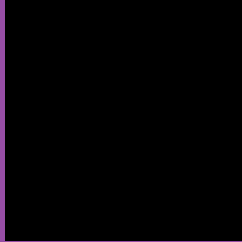
Any Text WCAG AA × Fail

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 38.4464, 36.5780, -31.3042 Background



This preview shows how black text looks on a background with the HunterLab color 38.4464, 36.5780, -31.3042.



This preview shows how white text looks on a background with the HunterLab color 38.4464, 36.5780, -31.3042.

-31.3042.

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

38.4464, 36.5780, -31.3042

Protanopia

38.7941, 9.0875, -50.3889

Deuteranopia

38.6955, 3.0771, -27.7658



Tritanopia

38.3351, 14.4316, 4.8326

Trichromacy



Original Color

38.4464, 36.5780, -31.3042

Protanomaly

37.5730, 17.2416, -45.5296

Deuteranomaly

37.6805, 14.4875, -31.0498

Tritanomaly

38.0524, 21.9183, -6.3992

Monochromacy



Original Color

38.4464, 36.5780, -31.3042

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

38.3498, 11.3371, -8.8214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4464, 36.5780, -31.3042 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(151, 78, 166)` looks like.

```
.text, #text, p{  
    color:rgb(151, 78, 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(151, 78, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 78, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4464, 36.5780, -31.3042 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(151, 78, 166) }
```


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

```
.border{ border-color:rgb(151, 78, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 78, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 78, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 78, 166); box-shadow:4px 4px 4px 4px rgb(151, 78, 166) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4464, 36.5780, -31.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 78, 166) }
```

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

```
.background{ background-color: rgb(151, 78,  
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](#).

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