

Converting Colors

HunterLab(33.8088, 31.1462,
-22.5999)

Have a look what the booklet for
HunterLab(33.8088, 31.1462,
-22.5999) contains.

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Color

**HunterLab(33.7840, 31.1699,
-22.8609)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 88458D |
| RGB | 136, 69, 141 |
| RGB Percent | 53%, 27%, 55% |
| CMY | 0.4667, 0.7294, 0.4471 |
| CMYK | 0.04, 0.51, 0.00, 0.45 |
| HSL | 296°, 34%, 41% |
| HSV | 296°, 51%, 55% |
| XYZ | 17.0892, 11.4136, 26.5017 |
| YIQ | 97.2410, 16.8200, 36.5960 |

Conversions

Conversions Part 2

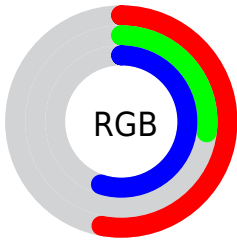
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 136, 69, 141 |
| Decimal | 8930701 |
| CIE _{Lab} | 40.27, 39.67, -27.86 |
| CIE _{LCh} | 40, 48.471, 324.921 |
| Yxy | 11.4141, 0.3107, 0.2075 |
| Android (android.graphics.Color) | 4287120781 (0xFF88458D) |
| YUV | 97.2410, 21.5732, 33.9916 |
| Hunter-Lab | 33.7840, 31.1699, -22.8609 |

Details

The HunterLab color $[33.7840, 31.1699, -22.8609]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[45.7554, -27.7045, 20.4129]$, and the grayscale version is $[34.5827, -1.8452, 1.8789]$.

A 20% lighter version of the original color is $[53.3380, 34.0048, -23.9292]$, and $[17.4803, 27.7980, -21.5506]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.3034, 37.3936, -27.7853]$, and if you desaturate by 10%, it is $[36.6635, 24.5554, -17.7293]$.

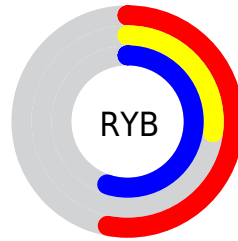
Distribution



Red (53%)

Green (27%)

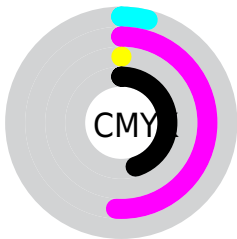
Blue (55%)



Red (53%)

Yellow (27%)

Blue (55%)

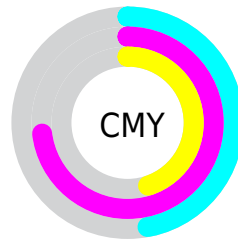


Cyan (4%)

Magenta (51%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7840, 31.1699, -22.8609 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 33.7840, 31.1699, -22.8609 by changing the saturation by 10% instead.

■ 33.7840, 31.1699,
-22.8609

■ 33.7840, 31.1699,
-22.8609

■ 141.5934, 40.6922,
-26.0530

■ 25.1914, 29.5649,
-22.3071

■ 53.3136, 34.0037,
-23.9322

■ 17.4833, 27.8582,
-21.8493

■ 64.1354, 35.2432,
-24.4009

■ 10.7767, 26.1575,
-21.7646

■ 75.6040, 36.3753,
-24.8142

■ 1.7267, 101.0098,
-80.4564

■ 87.6849, 37.4084,
-25.1707

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 100.3485, 38.3502,
-25.4712

0.0000, NaN, NaN

113.5690, 39.2076,

0.0000, NaN, NaN

-25.7171

0.0000, NaN, NaN

127.3240, 39.9864,
-25.9104

■ 33.7840, 31.1699,
-22.8609

■ 33.7840, 31.1699,
-22.8609

■ 31.3034, 37.3936,
-27.7853

■ 36.6635, 24.5554,
-17.7293

■ 29.2699, 42.8901,
-32.2580

■ 39.8873, 17.8010,
-12.5675

■ 27.7221, 47.2704,
-35.9850

■ 43.4074, 11.0618,
-7.4788

■ 26.6707, 50.2077,
-38.7060

■ 47.1816, 4.4240,
-2.5160

■ 26.0099, 51.9362,
-40.5063

■ 51.1744, -2.0730,
2.3013

■ 55.3565, -8.4179,
6.9730

■ 59.7041, -14.6154,
11.5088

■ 64.1974, -20.6779,
15.9229

■ 68.8203, -26.6207,
20.2309

Harmonies

Analogous

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



33.7847, 13.9293, -43.2700



33.7840, 31.1699, -22.8609



33.7847, 39.6920, -1.1853

Triad

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



33.7847, 31.1687, -22.8598



33.7847, 1.2923, 20.8846



33.7847, -27.6628, -15.0390

Complementary

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



33.7840, 31.1699, -22.8609



45.7554, -27.7045, 20.4129

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.



33.7847, -29.6729, 4.6072



33.7840, 31.1699, -22.8609



33.7847, -15.0995, 20.0817

Square

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



33.7847, 31.1687, -22.8598



33.7847, 20.3009, 19.1441



33.7847, -25.5788, 15.7484



33.7847, -19.3730, -37.3428

Rectangle

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



33.7840, 31.1699, -22.8609



33.7847, 38.2275, 9.2198



33.7847, -25.5788, 15.7484



33.7847, -29.0113, -7.7074

Sweetspot

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



33.7847, 31.1687, -22.8598



60.9492, 9.6833, -6.1732



28.6723, 10.6999, -34.2537



28.3645, 5.3517, -3.4972



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



33.7847, 31.1687, -22.8598



41.5176, 51.0210, -37.9695



33.2673, 27.5369, -5.8224



23.4355, 1.5634, -0.7840



24.8421, 49.6012, -38.6629



2.5040, 4.9577, -3.5717

Inverse Universe

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



32.2705, 22.8963, 8.3819



39.1085, 38.3103, 13.4443



46.0610, -25.4547, 12.7415



23.3019, 0.7646, 1.7413



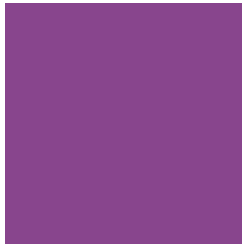
22.7682, 39.0816, 14.0121



2.2479, 3.9013, 1.0511

Previews

White Background



This preview shows how the HunterLab color 33.7840, 31.1699, -22.8609 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 33.7840, 31.1699, -22.8609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

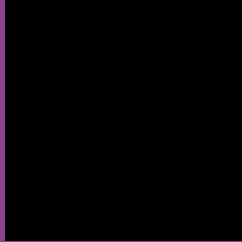
Any Text WCAG AA × Fail

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 33.7840, 31.1699, -22.8609 Background



This preview shows how black text looks on a background with the HunterLab color 33.7840, 31.1699, -22.8609.



This preview shows how white text looks on a background with the HunterLab color 33.7840, 31.1699, -22.8609.

-22.8609.

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

33.7840, 31.1699, -22.8609

Protanopia

34.0523, 6.8904, -38.4131

Deuteranopia

34.1577, 2.1202, -19.3457



Tritanopia

33.7732, 14.0026, 4.8480

Trichromacy



Original Color

33.7840, 31.1699, -22.8609

Protanomaly

33.0119, 14.2383, -34.3165

Deuteranomaly

33.4662, 11.6835, -21.7723

Tritanomaly

33.5780, 20.0396, -3.5198

Monochromacy



Original Color

33.7840, 31.1699, -22.8609

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

33.7463, 9.4127, -6.4890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7840, 31.1699, -22.8609 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(136, 69, 141)` looks like.

```
.text, #text, p{  
    color:rgb(136, 69, 141)  
}
```

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(136, 69, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 69, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7840, 31.1699, -22.8609 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(136, 69, 141) }
```


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

```
.border{ border-color:rgb(136, 69, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 69, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 69, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 69, 141);  
box-shadow:4px 4px 4px 4px rgb(136, 69,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7840, 31.1699, -22.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 69, 141) }
```

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

```
.background{ background-color: rgb(136, 69,  
141) }
```

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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