

Converting Colors

HunterLab(31.6678, 29.8180,
-14.4370)

Have a look what the booklet for
HunterLab(31.6678, 29.8180,
-14.4370) contains.

HunterLab(31.6678, 29.8180, -14.4370)	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(31.6678, 29.8180,
-14.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	863F7A
RGB	134, 63, 122
RGB Percent	53%, 25%, 48%
CMY	0.4745, 0.7529, 0.5216
CMYK	0.00, 0.53, 0.09, 0.47
HSL	310°, 36%, 39%
HSV	310°, 53%, 53%
XYZ	15.1219, 10.0285, 19.5511
YIQ	90.9550, 23.3770, 33.4010

Conversions

Conversions Part 2

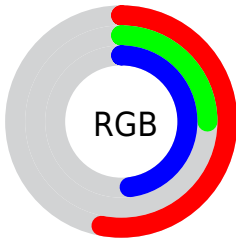
Format	Color
R_{YB}	134, 63, 122
Decimal	8798074
CIE _{Lab}	37.89, 38.63, -19.91
CIE _{LCh}	38, 43.460, 332.732
Yxy	10.0290, 0.3383, 0.2243
Android (android.graphics.Color)	4286988154 (0xFF863F7A)
YUV	90.9550, 15.3052, 37.7505
Hunter-Lab	31.6678, 29.8180, -14.4370

Details

The HunterLab color $[31.6678, 29.8180, -14.4370]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[43.1455, -26.4980, 16.9738]$, and the grayscale version is $[32.2678, -1.7217, 1.7532]$.

A 20% lighter version of the original color is $[50.9398, 32.5943, -15.2463]$, and $[15.7859, 26.5469, -13.4825]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.4372, 35.3753, -16.8618]$, and if you desaturate by 10%, it is $[34.2856, 23.8151, -11.5844]$.

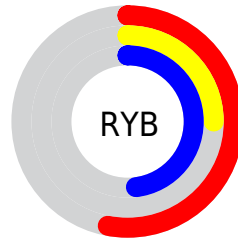
Distribution



Red (53%)

Green (25%)

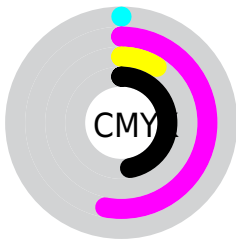
Blue (48%)



Red (53%)

Yellow (25%)

Blue (48%)

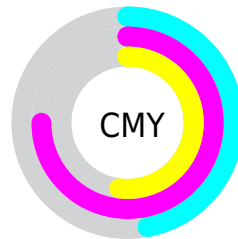


Cyan (0%)

Magenta (53%)

Yellow (9%)

Black (47%)



Cyan (47%)













Magenta (75%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6678, 29.8180, -14.4370 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 31.6678, 29.8180, -14.4370 by changing the saturation by 10% instead.

 31.6678, 29.8180, -14.4370	 31.6678, 29.8180, -14.4370
 138.1588, 39.2024, -15.7240	 23.2770, 28.2214, -13.9879
 50.8429, 32.6304, -15.1519	 15.7944, 26.5286, -13.5172
 61.5052, 33.8565, -15.4101	 9.3486, 24.8805, -13.1536
 72.8236, 34.9736, -15.6041	0.0000, INF, -NF
 84.7620, 35.9905, -15.7371	0.0000, NaN, NaN
 97.2896, 36.9152, -15.8124	0.0000, NaN, NaN
 110.3800, 37.7547,	0.0000, NaN, NaN

-15.8333

0.0000, NaN, NaN

124.0099, 38.5153,
-15.8030

■ 31.6678, 29.8180,
-14.4370

■ 31.6678, 29.8180,
-14.4370

■ 29.4372, 35.3753,
-16.8618

■ 34.2856, 23.8151,
-11.5844

■ 27.6368, 40.1679,
-18.6841

■ 37.2394, 17.6185,
-8.4577

■ 26.2982, 43.8486,
-19.7353

■ 40.4834, 11.3906,
-5.1676

■ 25.4233, 46.1588,
-19.9195

■ 43.9763, 5.2267,
-1.7894

■ 24.9476, 47.3550,
-19.7811

■ 47.6835, -0.8251,
1.6297

■ 51.5760, -6.7471,
5.0617

■ 55.6299, -12.5385,
8.4913

■ 59.8260, -18.2078,
11.9111

■ 64.1481, -23.7676,
15.3183

Harmonies

Analogous

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



31.6685, 16.3184, -33.1457



31.6678, 29.8180, -14.4370



31.6685, 34.4083, 3.0607

Triad

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



31.6685, 29.8166, -14.4360



31.6685, -3.1158, 19.0753



31.6685, -23.2754, -18.0397

Complementary

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



31.6678, 29.8180, -14.4370



43.1455, -26.4980, 16.9738

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.



31.6685, -26.5340, 0.3260



31.6678, 29.8180, -14.4370



31.6685, -16.4026, 17.6056

Square

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



31.6685, 29.8166, -14.4360



31.6685, 13.3422, 18.0903



31.6685, -24.2850, 12.2512



31.6685, -14.3568, -35.8429

Rectangle

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



31.6678, 29.8180, -14.4370



31.6685, 31.1962, 10.9257



31.6685, -24.2850, 12.2512



31.6685, -24.9810, -11.4847

Sweetspot

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



31.6685, 29.8166, -14.4360



56.7763, 9.6800, -3.8946



26.0114, 16.0335, -35.1016



26.5695, 5.2596, -2.2141



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.6685, 29.8166, -14.4360



38.4396, 48.6100, -23.0512



30.5066, 24.5288, 1.8405



21.7938, 1.3796, -0.2262



24.1536, 45.8522, -19.1867



1.4525, 2.8072, -1.5395

Inverse Universe

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



31.6685, 29.8166, -14.4360



38.4396, 48.6100, -23.0512



43.8638, -22.1988, 6.5707



21.7938, 1.3796, -0.2262



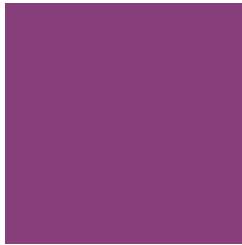
24.1536, 45.8522, -19.1867



1.4525, 2.8072, -1.5395

Previews

White Background



This preview shows how the HunterLab color 31.6678, 29.8180, -14.4370 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 31.6678, 29.8180, -14.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

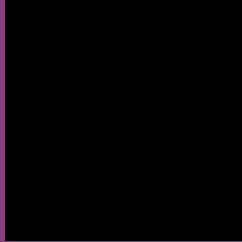
Any Text WCAG AA × Fail

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 31.6678, 29.8180, -14.4370 Background



This preview shows how black text looks on a background with the HunterLab color 31.6678, 29.8180, -14.4370.



This preview shows how white text looks on a background with the HunterLab color 31.6678, 29.8180, -14.4370.

-14.4370.

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

31.6678, 29.8180, -14.4370

Protanopia

31.9338, 4.6325, -27.7555

Deuteranopia

31.8221, 2.2388, -12.2861



Tritanopia

31.6176, 17.1986, 5.9124

Trichromacy



Original Color

31.6678, 29.8180, -14.4370

Protanomaly

31.0940, 12.6555, -24.3254

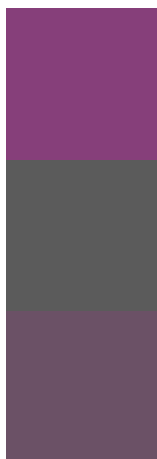
Deuteranomaly

31.2228, 11.7069, -13.6973

Tritanomaly

31.4766, 21.7777, -0.6160

Monochromacy



Original Color

31.6678, 29.8180, -14.4370

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.5753, 9.2126, -3.9860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6678, 29.8180, -14.4370 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(134, 63, 122)` looks like.

```
.text, #text, p{  
    color:rgb(134, 63, 122)  
}
```

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(134, 63, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 63, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6678, 29.8180, -14.4370 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(134, 63, 122) }
```


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

```
.border{ border-color:rgb(134, 63, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 63, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 63, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 63, 122); box-shadow:4px 4px 4px 4px rgb(134, 63, 122) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6678, 29.8180, -14.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 63, 122) }
```

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

```
.background{ background-color: rgb(134, 63,  
122) }
```

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