

Converting Colors

HunterLab(36.6429, 36.8806,
-14.4637)

Have a look what the booklet for
HunterLab(36.6429, 36.8806,
-14.4637) contains.

HunterLab(36.6429, 36.8806, -14.4637)	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(36.6429, 36.8806,
-14.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4688
RGB	158, 70, 136
RGB Percent	62%, 27%, 53%
CMY	0.3804, 0.7255, 0.4667
CMYK	0.00, 0.56, 0.14, 0.38
HSL	315°, 39%, 45%
HSV	315°, 56%, 62%
XYZ	20.7347, 13.4270, 24.7914
YIQ	103.8360, 31.2620, 39.1820

Conversions

Conversions Part 2

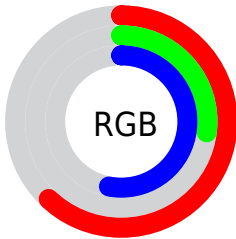
Format	Color
R _Y B	158, 70, 136
Decimal	10372744
CIE Lab	43.40, 44.96, -19.71
CIE LCh	43, 49.089, 336.324
Yxy	13.4277, 0.3517, 0.2278
Android (android.graphics.Color)	4288562824 (0xFF9E4688)
YUV	103.8360, 15.8569, 47.5018
Hunter-Lab	36.6429, 36.8806, -14.4637

Details

The HunterLab color $[36.6429, 36.8806, -14.4637]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[51.5063, -32.3124, 19.5157]$, and the grayscale version is $[37.0790, -1.9784, 2.0146]$.

A 20% lighter version of the original color is $[56.6041, 40.2294, -14.8451]$, and $[19.8218, 33.2627, -13.5381]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.0498, 43.1502, -16.3063]$, and if you desaturate by 10%, it is $[39.7311, 29.9520, -11.9900]$.

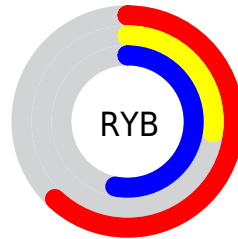
Distribution



Red (62%)

Green (27%)

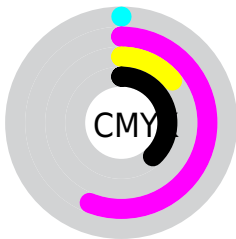
Blue (53%)



Red (62%)

Yellow (27%)

Blue (53%)

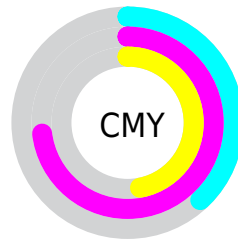


Cyan (0%)

Magenta (56%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6429, 36.8806, -14.4637 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 36.6429, 36.8806, -14.4637 by changing the saturation by 10% instead.

36.6429, 36.8806,
-14.4637

36.6429, 36.8806,
-14.4637

146.1645, 47.8407,
-15.4067

27.7915, 35.1304,
-14.0493

56.6304, 40.0298,
-15.0930

19.7956, 33.2982,
-13.5875

67.6588, 41.4324,
-15.3090

12.7600, 31.4986,
-13.1366

79.3226, 42.7280,
-15.4623

6.1358, 36.2876,
-15.4645

91.5889, 43.9239,
-15.5566

0.0000, INF, -NF

0.0000, NaN, NaN

104.4295, 45.0271,
-15.5952

0.0000, NaN, NaN

117.8197, 46.0438,

0.0000, NaN, NaN

-15.5812

0.0000, NaN, NaN

131.7378, 46.9800,
-15.5175

■ 36.6429, 36.8806,
-14.4637

■ 36.6429, 36.8806,
-14.4637

■ 34.0498, 43.1502,
-16.3063

■ 39.7311, 29.9520,
-11.9900

■ 32.0040, 48.3449,
-17.3305

■ 43.2493, 22.7062,
-9.0698

■ 30.5375, 52.0481,
-17.3912

■ 47.1378, 15.3696,
-5.8470

■ 29.6274, 54.0498,
-16.4845

■ 51.3429, 8.0781,
-2.4268

■ 29.3071, 54.6928,
-15.9729

■ 55.8189, 0.9020,
1.1198

■ 60.5284, -6.1300,
4.7465

■ 65.4403, -13.0132,
8.4242

■ 70.5297, -19.7559,
12.1352

■ 75.7761, -26.3720,
15.8689

Harmonies

Analogous

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



36.6438, 21.7214, -37.3573



36.6429, 36.8806, -14.4637



36.6438, 40.7867, 5.5474

Triad

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



36.6438, 36.8788, -14.4626



36.6438, -5.8137, 22.2549



36.6438, -26.5459, -24.4177

Complementary

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



36.6429, 36.8806, -14.4637



51.5063, -32.3124, 19.5157

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.



36.6438, -31.1557, -1.9539



36.6429, 36.8806, -14.4637



36.6438, -20.8245, 20.1795

Square

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



36.6438, 36.8788, -14.4626



36.6438, 13.5358, 21.4734



36.6438, -29.2923, 13.1937



36.6438, -15.2392, -44.8351

Rectangle

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



36.6429, 36.8806, -14.4637



36.6438, 35.9163, 14.1001



36.6438, -29.2923, 13.1937



36.6438, -28.8154, -16.5235

Sweetspot

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



36.6438, 36.8788, -14.4626



68.2337, 12.4870, -4.0393



30.2077, 22.6315, -44.4810



31.8873, 6.7978, -2.3312



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



36.6438, 36.8788, -14.4626



45.0901, 60.1438, -22.4515



35.2461, 30.6083, 5.2205



25.9349, 1.6443, -0.0725



26.2401, 48.9901, -14.4643



3.5968, 6.8624, -3.1233

Inverse Universe

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



36.6438, 36.8788, -14.4626



45.0901, 60.1438, -22.4515



52.4727, -26.5230, 5.5497



25.9349, 1.6443, -0.0725



26.2401, 48.9901, -14.4643



3.5968, 6.8624, -3.1233

Previews

White Background



This preview shows how the HunterLab color 36.6429, 36.8806, -14.4637 looks on a white background.

Color Contrast Check

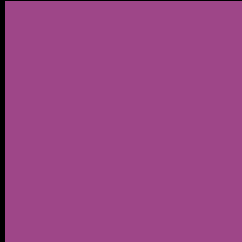
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6429, 36.8806, -14.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

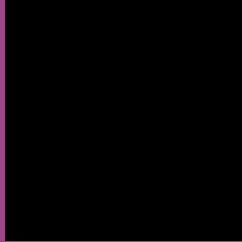
Any Text WCAG AA × Fail

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 36.6429, 36.8806, -14.4637 Background



This preview shows how black text looks on a background with the HunterLab color 36.6429, 36.8806, -14.4637.



This preview shows how white text looks on a background with the HunterLab color 36.6429, 36.8806, -14.4637.

-14.4637.

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

36.6429, 36.8806, -14.4637

Protanopia

36.9187, 5.4025, -31.3064

Deuteranopia

36.8764, 2.7298, -11.7530



Tritanopia

36.7356, 22.5657, 8.4785

Trichromacy



Original Color

36.6429, 36.8806, -14.4637

Protanomaly

35.8197, 15.2059, -26.8318

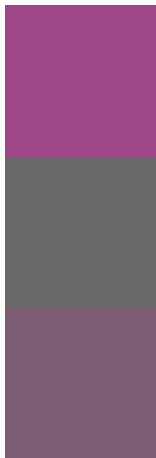
Deuteranomaly

36.0539, 14.3159, -14.0247

Tritanomaly

36.6569, 27.3566, 1.4504

Monochromacy



Original Color

36.6429, 36.8806, -14.4637

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.3323, 11.5466, -4.3737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6429, 36.8806, -14.4637 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(158, 70, 136)` looks like.

```
.text, #text, p{  
    color:rgb(158, 70, 136)  
}
```

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(158, 70, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 70, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6429, 36.8806, -14.4637 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(158, 70, 136) }
```


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

```
.border{ border-color:rgb(158, 70, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 70, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 70, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 70, 136);  
box-shadow:4px 4px 4px 4px rgb(158, 70,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6429, 36.8806, -14.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 70, 136) }
```

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

```
.background{ background-color: rgb(158, 70,  
136) }
```

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