

Converting Colors

HunterLab(37.7836, 15.1094,
-14.1844)

Have a look what the booklet for
HunterLab(37.7836, 15.1094,
-14.1844) contains.

HunterLab(37.7836, 15.1094, -14.1844)	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(37.7836, 15.1094,
-14.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5E8A
RGB	126, 94, 138
RGB Percent	49%, 37%, 54%
CMY	0.5059, 0.6314, 0.4588
CMYK	0.09, 0.32, 0.00, 0.46
HSL	284°, 19%, 45%
HSV	284°, 32%, 54%
XYZ	17.1943, 14.2760, 25.8940
YIQ	108.5840, 4.9480, 20.4680

Conversions

Conversions Part 2

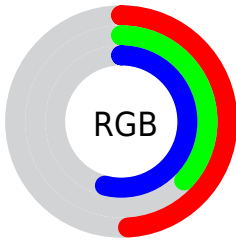
Format	Color
R_{YB}	126, 94, 138
Decimal	8281738
CIE Lab	44.63, 21.46, -19.38
CIE LCh	45, 28.918, 317.914
Yxy	14.2766, 0.2997, 0.2489
Android (android.graphics.Color)	4286471818 (0xFF7E5E8A)
YUV	108.5840, 14.5021, 15.2738
Hunter-Lab	37.7836, 15.1094, -14.1844

Details

The HunterLab color $[37.7836, 15.1094, -14.1844]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[46.9570, -17.3497, 15.2591]$, and the grayscale version is $[38.8931, -2.0752, 2.1131]$.

A 20% lighter version of the original color is $[58.0002, 16.1559, -14.9558]$, and $[20.6739, 13.5395, -13.5014]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.2885, 20.8456, -20.0841]$, and if you desaturate by 10%, it is $[41.5281, 9.4197, -8.5749]$.

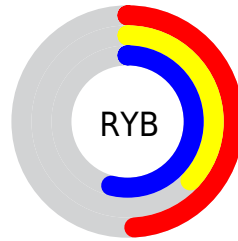
Distribution



Red (49%)

Green (37%)

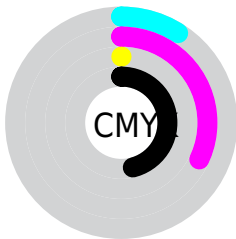
Blue (54%)



Red (49%)

Yellow (37%)

Blue (54%)

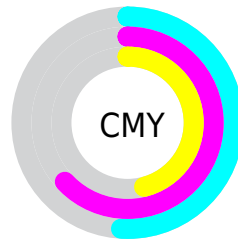


Cyan (9%)

Magenta (32%)

Yellow (0%)

Black (46%)



Cyan (51%)

Magenta (63%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7836, 15.1094, -14.1844 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 37.7836, 15.1094, -14.1844 by changing the saturation by 10% instead.

37.7836, 15.1094,
-14.1844

37.7836, 15.1094,
-14.1844

147.9679, 17.8237,
-14.9690

28.8328, 14.3587,
-13.7869

57.9474, 16.2666,
-14.7764

20.7270, 13.4712,
-13.3361

69.0557, 16.7022,
-14.9736

13.5666, 12.4249,
-12.8785

80.7951, 17.0558,
-15.1086

7.1571, 12.9724,
-13.6935

93.1333, 17.3351,
-15.1850

0.0000, NaN, -NF

0.0000, NaN, NaN

106.0425, 17.5466,
-15.2063

0.0000, NaN, NaN

119.4986, 17.6956,

0.0000, NaN, NaN

-15.1755

0.0000, NaN, NaN

133.4800, 17.7867,
-15.0955

■ 37.7836, 15.1094,
-14.1844

■ 37.7836, 15.1094,
-14.1844

■ 34.2885, 20.8456,
-20.0841

■ 41.5281, 9.4197,
-8.5749

■ 31.0861, 26.5347,
-26.2409

■ 45.4823, 3.8229,
-3.2517

■ 28.2318, 31.9969,
-32.5407

■ 49.6172, -1.6682,
1.8122

■ 25.7859, 36.9419,
-38.7510

■ 53.9090, -7.0557,
6.6499

■ 23.8065, 40.9703,
-44.4970

■ 58.3385, -12.3491,
11.2946

■ 22.3326, 43.6535,
-49.3107

■ 62.8904, -17.5609,
15.7769

■ 21.3662, 45.1783,
-52.7669

■ 67.5519, -22.7040,
20.1236

■ 72.3129, -27.7904,
24.3577

■ 77.1647, -32.8311,
28.4987

Harmonies

Analogous

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



37.7844, 4.7533, -22.7220



37.7836, 15.1094, -14.1844



37.7844, 21.1248, -2.4322

Triad

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



37.7844, 15.1085, -14.1835



37.7844, 2.5417, 16.9803



37.7844, -20.2105, -4.7154

Complementary

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



37.7836, 15.1094, -14.1844



46.9570, -17.3497, 15.2591

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.



37.7844, -20.6574, 6.0546



37.7836, 15.1094, -14.1844



37.7844, -8.3439, 16.6939

Square

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



37.7844, 15.1085, -14.1835



37.7844, 13.3297, 14.2075



37.7844, -16.5505, 13.2650



37.7844, -15.2501, -16.2635

Rectangle

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



37.7836, 15.1094, -14.1844



37.7844, 21.4555, 4.7394



37.7844, -16.5505, 13.2650



37.7844, -20.8710, -0.8384

Sweetspot

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



37.7844, 15.1085, -14.1835



61.2850, 3.8492, -3.1726



38.2358, 0.3418, -13.7183



28.7148, 2.2441, -1.8953



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



37.7844, 15.1085, -14.1835



46.9096, 25.3365, -24.2198



38.7041, 17.1797, -7.3819



22.4979, 1.1169, -0.8907



20.4767, 43.2830, -50.4576



1.8738, 3.8054, -3.4127

Inverse Universe

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



38.0130, 13.7086, 2.3945



47.3399, 23.0985, 3.4896



46.4188, -19.0134, 11.6994



22.5157, 0.9127, 1.1790



22.5442, 39.1771, 10.1534



1.8963, 3.4082, -0.0207

Previews

White Background



This preview shows how the HunterLab color 37.7836, 15.1094, -14.1844 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 37.7836, 15.1094, -14.1844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

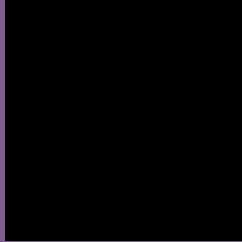
Any Text WCAG AA × Fail

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 37.7836, 15.1094, -14.1844 Background



This preview shows how black text looks on a background with the HunterLab color 37.7836, 15.1094, -14.1844.



This preview shows how white text looks on a background with the HunterLab color 37.7836, 15.1094, -14.1844.

-14.1844.

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

37.7836, 15.1094, -14.1844

Protanopia

37.8194, 2.9743, -19.2763

Deuteranopia

37.9309, 2.5617, -12.9910



Tritanopia

37.7651, 5.5147, 1.0935

Trichromacy



Original Color

37.7836, 15.1094, -14.1844

Protanomaly

37.5510, 7.2088, -17.7658

Deuteranomaly

37.6453, 7.0431, -13.9544

Tritanomaly

37.7865, 8.8222, -3.9464

Monochromacy



Original Color

37.7836, 15.1094, -14.1844

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.6025, 3.7056, -3.4405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7836, 15.1094, -14.1844 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(126, 94, 138)` looks like.

```
.text, #text, p{  
    color:rgb(126, 94, 138)  
}
```

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(126, 94, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 94, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7836, 15.1094, -14.1844 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(126, 94, 138) }
```


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

```
.border{ border-color:rgb(126, 94, 138) }
```

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

Here you see how a box with a 4 pixel rgb(126, 94, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 94, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 94, 138);  
box-shadow:4px 4px 4px 4px rgb(126, 94,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7836, 15.1094, -14.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 94, 138) }
```

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

```
.background{ background-color: rgb(126, 94,  
138) }
```

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