

Converting Colors

HunterLab(37.3738, 13.1946,
-5.9267)

Have a look what the booklet for
HunterLab(37.3738, 13.1946,
-5.9267) contains.

HunterLab(37.5202, 13.1646, -5.7452)	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(37.5202, 13.1646,
-5.7452)**

Conversions

Conversions Part 1

Format	Color
Hex	815E7A
RGB	129, 94, 122
RGB Percent	51%, 37%, 48%
CMY	0.4941, 0.6314, 0.5216
CMYK	0.00, 0.27, 0.05, 0.49
HSL	312°, 16%, 44%
HSV	312°, 27%, 51%
XYZ	16.5688, 14.0777, 20.2563
YIQ	107.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

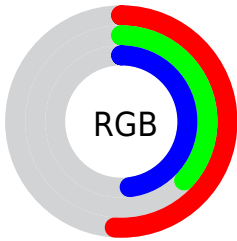
Format	Color
R_{YB}	129, 94, 122
Decimal	8478330
CIE _{Lab}	44.34, 19.21, -10.13
CIE _{LCh}	44, 21.713, 332.189
Yxy	14.0783, 0.3255, 0.2766
Android (android.graphics.Color)	4286668410 (0xFF815E7A)
YUV	107.6570, 7.0711, 18.7178
Hunter-Lab	37.5202, 13.1646, -5.7452

Details

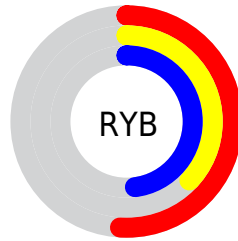
The HunterLab color **37.5202, 13.1646, -5.7452** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **43.6121, -15.6814, 9.8601**, and the grayscale version is **38.5655, -2.0578, 2.0953**.

A 20% lighter version of the original color is **57.6644, 13.7963, -5.3992**, and **20.4361, 11.7839, -5.4886** is the 20% darker color. If you saturate the color by 10%, you get **34.5100, 19.0482, -8.6143**, and if you desaturate by 10%, it is **40.7828, 7.3079, -2.7449**.

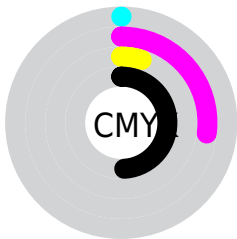
Distribution



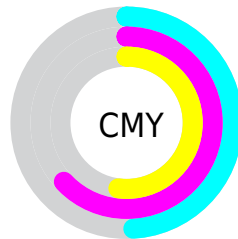
- Red (51%)
- Green (37%)
- Blue (48%)



- Red (51%)
- Yellow (37%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5202, 13.1646, -5.7452 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 37.5202, 13.1646, -5.7452 by changing the saturation by 10% instead.

37.5202, 13.1646,
-5.7452

37.5202, 13.1646,
-5.7452

147.5525, 15.0421,
-3.5786

28.5922, 12.5258,
-5.6899

57.6436, 14.1106,
-5.6381

20.5115, 11.7543,
-5.5523

68.7336, 14.4470,
-5.4913

13.3796, 10.8246,
-5.3233

80.4556, 14.7052,
-5.2892

6.9355, 11.7690,
-5.8954

92.7773, 14.8926,
-5.0362

0.0000, NaN, -NF

0.0000, NaN, NaN

105.6708, 15.0152,
-4.7357

0.0000, NaN, NaN

119.1117, 15.0783,

0.0000, NaN, NaN

-4.3910

0.0000, NaN, NaN

133.0786, 15.0860,
-4.0045

■ 37.5202, 13.1646,
-5.7452

■ 37.5202, 13.1646,
-5.7452

■ 34.5100, 19.0482,
-8.6143

■ 40.7828, 7.3079,
-2.7449

■ 31.7909, 24.8502,
-11.2709

■ 44.2598, 1.5415,
0.3288

■ 29.4096, 30.3861,
-13.5966

■ 47.9227, -4.1096,
3.4418

■ 27.4127, 35.3923,
-15.4420

■ 51.7471, -9.6395,
6.5734

■ 25.8399, 39.5458,
-16.6467

■ 55.7131, -15.0531,
9.7119

■ 24.7130, 42.5340,
-17.0820

■ 59.8044, -20.3611,
12.8513

■ 23.9704, 44.3525,
-16.8073

■ 64.0075, -25.5760,
15.9889

■ 23.7706, 44.8443,
-16.7041

■ 68.3114, -30.7105,
19.1240

■ 72.7068, -35.7769,
22.2570

Harmonies

Analogous

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



37.5210, 6.8718, -13.1922



37.5202, 13.1646, -5.7452



37.5210, 15.2923, 2.6170

Triad

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



37.5210, 13.1634, -5.7444



37.5210, -2.6110, 14.2560



37.5210, -14.5651, -6.9679

Complementary

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



37.5202, 13.1646, -5.7452



43.6121, -15.6814, 9.8601

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.



37.5210, -16.6426, 1.4585



37.5202, 13.1646, -5.7452



37.5210, -10.1246, 12.7434

Square

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



37.5210, 13.1634, -5.7444



37.5210, 5.7273, 13.1323



37.5210, -15.0892, 8.4513



37.5210, -9.1560, -13.9996

Rectangle

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



37.5202, 13.1646, -5.7452



37.5210, 13.9279, 7.3302



37.5210, -15.0892, 8.4513



37.5210, -15.6539, -4.1483

Sweetspot

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



37.5210, 13.1634, -5.7444



58.7237, 2.8720, 0.0018



35.1537, 6.1800, -13.2593



27.6415, 1.8465, -0.2581



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



37.5210, 13.1634, -5.7444



47.4928, 22.8502, -10.2640



36.9903, 10.4525, 1.7691



20.9717, 1.2815, -0.1334



23.4729, 44.2847, -16.5109

0.0000, NaN, NaN

Inverse Universe

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



37.5210, 13.1634, -5.7444



47.4928, 22.8502, -10.2640



44.0460, -13.1848, 3.6278



20.9717, 1.2815, -0.1334

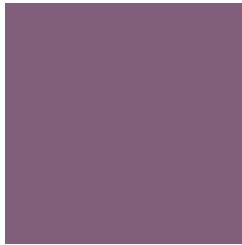


23.4729, 44.2847, -16.5109

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 37.5202, 13.1646, -5.7452 looks on a white background.

Color Contrast Check

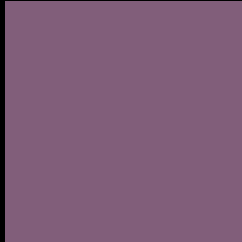
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5202, 13.1646, -5.7452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

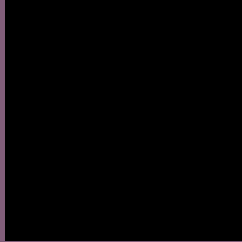
Any Text WCAG AA × Fail

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 37.5202, 13.1646, -5.7452 Background



This preview shows how black text looks on a background with the HunterLab color 37.5202, 13.1646, -5.7452.



This preview shows how white text looks on a background with the HunterLab color 37.5202, 13.1646, -5.7452.

-5.7452.

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

37.5202, 13.1646, -5.7452

Protanopia

37.6009, 0.9367, -9.5630

Deuteranopia

37.4793, 2.6402, -4.9692



Tritanopia

37.5251, 8.4275, 2.1541

Trichromacy



Original Color

37.5202, 13.1646, -5.7452

Protanomaly

37.3305, 5.2169, -8.2556

Deuteranomaly

37.4395, 6.5469, -5.4617

Tritanomaly

37.5535, 10.1153, -0.4263

Monochromacy



Original Color

37.5202, 13.1646, -5.7452

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.2175, 3.3347, -0.6291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5202, 13.1646, -5.7452 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(129, 94, 122)` looks like.

```
.text, #text, p{  
    color:rgb(129, 94, 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(129, 94, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 94, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5202, 13.1646, -5.7452 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(129, 94, 122) }
```


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

```
.border{ border-color:rgb(129, 94, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 94, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 94, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 94, 122);  
box-shadow:4px 4px 4px 4px rgb(129, 94,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5202, 13.1646, -5.7452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 94, 122) }
```

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

```
.background{ background-color: rgb(129, 94,  
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