

Converting Colors

HunterLab(37.5877, 15.6547,
-8.9484)

Have a look what the booklet for
HunterLab(37.5877, 15.6547,
-8.9484) contains.

HunterLab(37.4675, 15.8201, -8.9525)	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(37.4675, 15.8201,
-8.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	835C80
RGB	131, 92, 128
RGB Percent	51%, 36%, 50%
CMY	0.4863, 0.6392, 0.4980
CMYK	0.00, 0.30, 0.02, 0.49
HSL	305°, 17%, 44%
HSV	305°, 30%, 51%
XYZ	17.0835, 14.0381, 22.2314
YIQ	107.7650, 11.6880, 19.4640

Conversions

Conversions Part 2

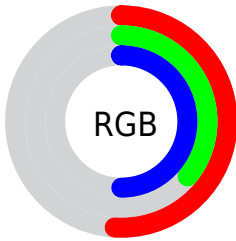
Format	Color
R_{YB}	131, 92, 128
Decimal	8608896
CIE _{Lab}	44.29, 22.31, -13.82
CIE _{LCh}	44, 26.248, 328.218
Yxy	14.0388, 0.3202, 0.2631
Android (android.graphics.Color)	4286798976 (0xFF835C80)
YUV	107.7650, 9.9759, 20.3771
Hunter-Lab	37.4675, 15.8201, -8.9525

Details

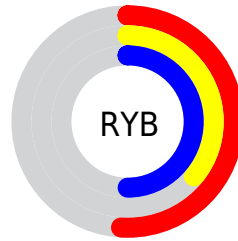
The HunterLab color $37.4675, 15.8201, -8.9525$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $43.9712, -17.6970, 12.1857$, and the grayscale version is $38.5961, -2.0594, 2.0970$.

A 20% lighter version of the original color is $57.7022, 17.1006, -9.0638$, and $20.4710, 14.2528, -8.5606$ is the 20% darker color. If you saturate the color by 10%, you get $34.5478, 22.1037, -12.7792$, and if you desaturate by 10%, it is $40.6630, 9.5467, -5.0636$.

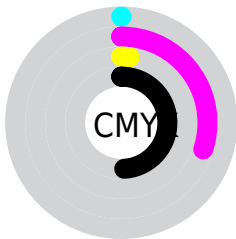
Distribution



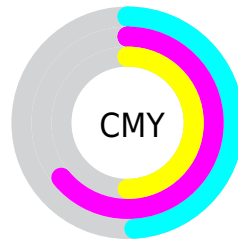
- Red (51%)
- Green (36%)
- Blue (50%)



- Red (51%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4675, 15.8201, -8.9525 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 37.4675, 15.8201, -8.9525 by changing the saturation by 10% instead.

37.4675, 15.8201,
-8.9525

37.4675, 15.8201,
-8.9525

147.4692, 18.8766,
-8.0374

28.5440, 15.0221,
-8.7404

57.5828, 17.0647,
-9.1519

20.4684, 14.0855,
-8.4493

68.6691, 17.5411,
-9.1523

13.3422, 12.9897,
-8.0847

80.3877, 17.9338,
-9.0931

6.8903, 13.9909,
-8.7909

92.7061, 18.2506,
-8.9786

0.0000, NaN, -NF

0.0000, NaN, NaN

105.5964, 18.4982,
-8.8128

0.0000, NaN, NaN

119.0343, 18.6821,

0.0000, NaN, NaN

-8.5988

0.0000, NaN, NaN

132.9983, 18.8069,
-8.3395

■ 37.4675, 15.8201,
-8.9525

■ 37.4675, 15.8201,
-8.9525

■ 34.5478, 22.1037,
-12.7792

■ 40.6630, 9.5467,
-5.0636

■ 31.9449, 28.2582,
-16.4466

■ 44.0935, 3.3676,
-1.1763

■ 29.7063, 34.0605,
-19.8075

■ 47.7273, -2.6801,
2.6769

■ 27.8761, 39.2104,
-22.6724

■ 51.5376, -8.5846,
6.4802

■ 26.4872, 43.3690,
-24.8370

■ 55.5020, -14.3492,
10.2286

■ 25.5492, 46.2488,
-26.1402

■ 59.6023, -19.9844,
13.9233

■ 24.9221, 48.1457,
-26.7933

■ 63.8234, -25.5044,
17.5686

■ 24.9077, 48.1898,
-26.8082

■ 68.1530, -30.9241,
21.1701

■ 72.5806, -36.2576,
24.7340

Harmonies

Analogous

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



37.4683, 7.5485, -17.9653



37.4675, 15.8201, -8.9525



37.4683, 19.2608, 1.4653

Triad

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



37.4683, 15.8189, -8.9516



37.4683, -1.4005, 16.1206



37.4683, -17.5083, -7.7001

Complementary

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



37.4675, 15.8201, -8.9525



43.9712, -17.6970, 12.1857

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.



37.4683, -19.3758, 2.6047



37.4675, 15.8201, -8.9525



37.4683, -10.6810, 14.8593

Square

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



37.4683, 15.8189, -8.9516



37.4683, 8.6931, 14.5115



37.4683, -17.0096, 10.4636



37.4683, -11.6162, -17.1193

Rectangle

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



37.4675, 15.8201, -8.9525



37.4683, 18.1069, 7.3278



37.4683, -17.0096, 10.4636



37.4683, -18.5986, -4.1533

Sweetspot

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



37.4683, 15.8189, -8.9516



59.2717, 4.0473, -1.2831



34.2130, 5.8782, -16.0274



28.3086, 2.4563, -0.9379



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.



37.4683, 15.8189, -8.9516



47.3386, 27.1155, -15.6111



36.8541, 12.7226, -0.2994



21.8101, 1.4674, -0.4585



24.7122, 47.8121, -26.6020



1.4702, 2.8685, -1.7698

Inverse Universe

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



37.4683, 15.8189, -8.9516



47.3386, 27.1155, -15.6111



44.4135, -15.1331, 5.8099



21.8101, 1.4674, -0.4585



24.7122, 47.8121, -26.6020



1.4702, 2.8685, -1.7698

Previews

White Background



This preview shows how the HunterLab color 37.4675, 15.8201, -8.9525 looks on a white background.

Color Contrast Check

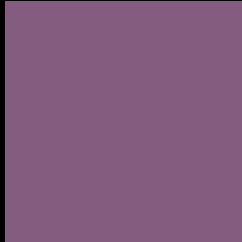
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4675, 15.8201, -8.9525 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 37.4675, 15.8201, -8.9525 Background



This preview shows how black text looks on a background with the HunterLab color 37.4675, 15.8201, -8.9525.



This preview shows how white text looks on a background with the HunterLab color 37.4675, 15.8201, -8.9525.

-8.9525.

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

37.4675, 15.8201, -8.9525

Protanopia

37.6364, 1.5692, -13.4747

Deuteranopia

37.6963, 2.4167, -7.7750



Tritanopia

37.6006, 8.6145, 2.6688

Trichromacy



Original Color

37.4675, 15.8201, -8.9525

Protanomaly

37.4953, 6.2561, -11.8747

Deuteranomaly

37.4612, 7.0226, -8.5723

Tritanomaly

37.4751, 11.2300, -1.4285

Monochromacy



Original Color

37.4675, 15.8201, -8.9525

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.0178, 4.1233, -1.7965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4675, 15.8201, -8.9525 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(131, 92, 128)` looks like.

```
.text, #text, p{  
    color:rgb(131, 92, 128)  
}
```

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(131, 92, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 92, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4675, 15.8201, -8.9525 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(131, 92, 128) }
```


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

```
.border{ border-color:rgb(131, 92, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 92, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 92, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 92, 128);  
box-shadow:4px 4px 4px 4px rgb(131, 92,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4675, 15.8201, -8.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 92, 128) }
```

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

```
.background{ background-color: rgb(131, 92,  
128) }
```

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