

Converting Colors

HunterLab(37.9104, 56.3342,
-13.1176)

Have a look what the booklet for
HunterLab(37.9104, 56.3342,
-13.1176) contains.

HunterLab(37.8864, 56.4698, -13.2947)	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(37.8864, 56.4698,
-13.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	BB2E8A
RGB	187, 46, 138
RGB Percent	73%, 18%, 54%
CMY	0.2667, 0.8196, 0.4588
CMYK	0.00, 0.75, 0.26, 0.27
HSL	321°, 61%, 46%
HSV	321°, 75%, 73%
XYZ	26.0580, 14.3538, 25.4420
YIQ	98.6470, 54.5040, 58.5040

Conversions

Conversions Part 2

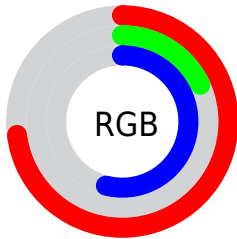
Format	Color
RYB	187, 46, 138
Decimal	12267146
CIELab	44.74, 63.02, -18.47
CIElCh	45, 65.670, 343.668
Yxy	14.3545, 0.3957, 0.2180
Android (android.graphics.Color)	4290457226 (0xFFBB2E8A)
YUV	98.6470, 19.4010, 77.4856
Hunter-Lab	37.8864, 56.4698, -13.2947

Details

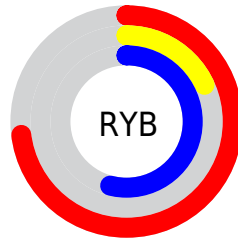
The HunterLab color **37.8864, 56.4698, -13.2947** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **60.7851, -44.8129, 26.1086**, and the grayscale version is **35.1078, -1.8733, 1.9075**.

A 20% lighter version of the original color is **58.2134, 60.7211, -13.8576**, and **23.1769, 42.7311, -8.5885** is the 20% darker color. If you saturate the color by 10%, you get **36.0767, 60.6767, -12.2902**, and if you desaturate by 10%, it is **40.4241, 50.4223, -13.2021**.

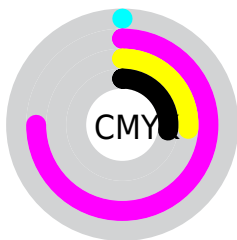
Distribution



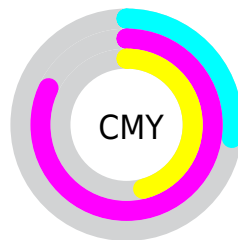
- Red (73%)
- Green (18%)
- Blue (54%)



- Red (73%)
- Yellow (18%)
- Blue (54%)



- Cyan (0%)
- Magenta (75%)
- Yellow (26%)
- Black (27%)



- Cyan (27%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8864, 56.4698, -13.2947 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 37.8864, 56.4698, -13.2947 by changing the saturation by 10% instead.

37.8864, 56.4698,
-13.2947

37.8864, 56.4698,
-13.2947

148.1302, 72.5390,
-13.8044

28.9269, 54.2819,
-12.9243

58.0662, 60.6951,
-13.8247

20.8113, 52.1813,
-12.4948

69.1816, 62.6754,
-13.9903

13.6398, 50.4920,
-12.0429

80.9278, 64.5560,
-14.0940

7.2418, 53.6725,
-12.6930

93.2724, 66.3371,
-14.1394

0.0000, INF, -NF

0.0000, NaN, NaN

106.1878, 68.0218,
-14.1301

0.0000, NaN, NaN

119.6497, 69.6141,

0.0000, NaN, NaN

-14.0693

0.0000, NaN, NaN

133.6368, 71.1183,
-13.9599

■ 37.8864, 56.4698,
-13.2947

■ 37.8864, 56.4698,
-13.2947

■ 36.0767, 60.6767,
-12.2902

■ 40.4241, 50.4223,
-13.2021

■ 34.9749, 62.7559,
-10.2420

■ 43.6446, 43.0624,
-12.1252

■ 34.5980, 63.3122,
-9.1312

■ 47.4768, 34.9115,
-10.2478

■ 51.8397, 26.3819,
-7.7625

■ 56.6560, 17.7479,
-4.8340

■ 61.8581, 9.1693,
-1.5882

■ 67.3891, 0.7262,
1.8847

■ 73.2026, -7.5505,
5.5218

■ 79.2608, -15.6574,
9.2804

Harmonies

Analogous

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



37.8874, 37.4946, -48.6045



37.8864, 56.4698, -13.2947



37.8874, 57.3653, 11.4036

Triad

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



37.8874, 56.4670, -13.2934



37.8874, -12.7893, 25.0636



37.8874, -31.0488, -45.4526

Complementary

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



37.8864, 56.4698, -13.2947



60.7851, -44.8129, 26.1086

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.



37.8874, -38.5002, -10.5012



37.8864, 56.4698, -13.2947



37.8874, -29.9723, 22.5316

Square

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



37.8874, 56.4670, -13.2934



37.8874, 12.5609, 24.9768



37.8874, -38.1659, 12.8543



37.8874, -14.6892, -74.0005

Rectangle

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



37.8864, 56.4698, -13.2947



37.8874, 47.2240, 19.7311



37.8874, -38.1659, 12.8543



37.8874, -34.4621, -33.3432

Sweetspot

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



37.8874, 56.4670, -13.2934



77.1918, 21.4170, -5.6197



28.0536, 42.9243, -81.3236



35.0768, 12.0182, -3.3471



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



37.8874, 56.4670, -13.2934



47.2809, 83.2284, -14.9370



35.9938, 48.8948, 13.6242



31.0458, 1.9310, 0.2315



28.7430, 52.6410, -7.9201



5.7924, 10.7894, -2.9996

Inverse Universe

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



37.8874, 56.4670, -13.2934



47.2809, 83.2284, -14.9370



62.2770, -35.7427, 4.5358



31.0458, 1.9310, 0.2315



28.7430, 52.6410, -7.9201



5.7924, 10.7894, -2.9996

Previews

White Background



This preview shows how the HunterLab color 37.8864, 56.4698, -13.2947 looks on a white background.

Color Contrast Check

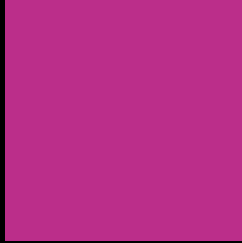
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.8864, 56.4698, -13.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

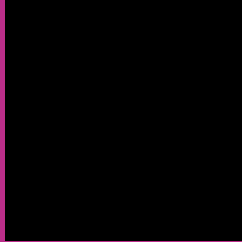
Any Text WCAG AA × Fail

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 37.8864, 56.4698, -13.2947 Background



This preview shows how black text looks on a background with the HunterLab color 37.8864, 56.4698, -13.2947.



This preview shows how white text looks on a background with the HunterLab color 37.8864, 56.4698, -13.2947.

-13.2947.

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

37.8864, 56.4698, -13.2947

Protanopia

38.3334, 8.0795, -44.6881

Deuteranopia

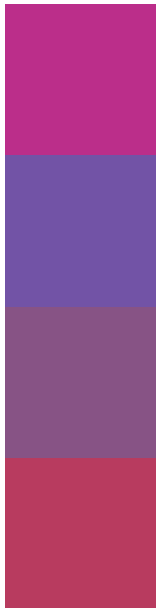
38.0993, 2.6907, -9.3417



Tritanopia

37.9662, 39.0426, 14.7687

Trichromacy



Original Color

37.8864, 56.4698, -13.2947

Protanomaly

35.3795, 23.4301, -38.2470

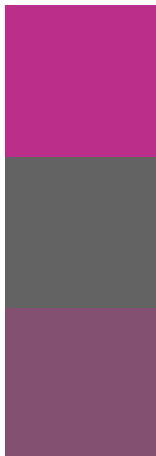
Deuteranomaly

36.0983, 22.4654, -13.8098

Tritanomaly

37.6092, 45.2289, 6.8987

Monochromacy



Original Color

37.8864, 56.4698, -13.2947

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

34.2854, 19.1852, -5.5543

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8864, 56.4698, -13.2947 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(187, 46, 138)` looks like.

```
.text, #text, p{  
    color:rgb(187, 46, 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(187, 46, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 46, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8864, 56.4698, -13.2947 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(187, 46, 138) }
```


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

```
.border{ border-color:rgb(187, 46, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 46, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 46, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 46, 138);  
box-shadow:4px 4px 4px 4px rgb(187, 46,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8864, 56.4698, -13.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 46, 138) }
```

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

```
.background{ background-color: rgb(187, 46,  
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