

Converting Colors

HunterLab(51.0506, 88.2984,
13.0045)

Have a look what the booklet for
HunterLab(51.0506, 88.2984,
13.0045) contains.

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Color

**HunterLab(47.8640, 82.8668,
9.7133)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0F76
RGB	255, 15, 118
RGB Percent	100%, 6%, 46%
CMY	0.0000, 0.9410, 0.5373
CMYK	0.00, 0.94, 0.54, 0.00
HSL	334°, 100%, 53%
HSV	334°, 94%, 100%
XYZ	44.6808, 22.9096, 19.2066
YIQ	98.5020, 109.9770, 82.9130

Conversions

Conversions Part 2

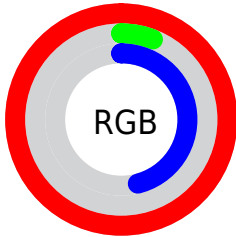
Format	Color
R_{YB}	255, 15, 118
Decimal	16715638
CIE _{Lab}	54.98, 82.83, 10.21
CIE _{LCh}	55, 83.453, 7.030
Yxy	22.9110, 0.5148, 0.2640
Android (android.graphics.Color)	4294905718 (0xFFFF0F76)
YUV	98.5020, 9.6125, 137.2487
Hunter-Lab	47.8640, 82.8668, 9.7133

Details

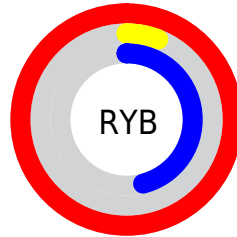
The HunterLab color **47.8640, 82.8668, 9.7133** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **85.9595, -63.9833, 31.3433**, and the grayscale version is **35.0832, -1.8720, 1.9061**.

A 20% lighter version of the original color is **58.0216, 62.2738, -2.0188**, and **33.9390, 59.4245, 11.8309** is the 20% darker color. If you saturate the color by 10%, you get **47.2999, 83.3553, 12.3256**, and if you desaturate by 10%, it is **49.4937, 80.0816, 5.5080**.

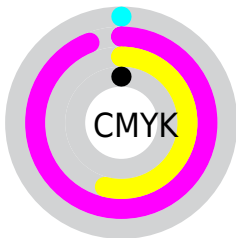
Distribution



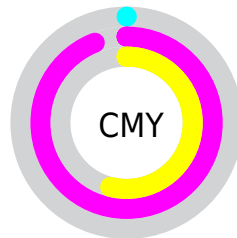
- Red (100%)
- Green (6%)
- Blue (46%)



- Red (100%)
- Yellow (6%)
- Blue (46%)



- Cyan (0%)
- Magenta (94%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (94%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8640, 82.8668, 9.7133 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 47.8640, 82.8668, 9.7133 by changing the saturation by 10% instead.

47.8640, 82.8668,
9.7133

47.8640, 82.8668,
9.7133

163.4832,
102.9183, 20.1269

38.1154, 80.3806,
8.5719

69.4602, 87.8388,
11.9823

29.1353, 78.0520,
7.4104

81.2212, 90.2452,
13.1185

20.9981, 76.1617,
6.2129

93.5801, 92.5725,
14.2610

13.8022, 75.4472,
4.9476

106.5090, 94.8144,
15.4119

7.4255, 82.0718,
5.1978

119.9840, 96.9689,
16.5729

0.0000, INF, NaN

0.0000, INF, NaN

133.9837, 99.0364,

17.7451

0.0000, NaN, NaN

148.4891,
101.0187, 18.9296

0.0000, NaN, NaN

■ 47.8640, 82.8668,
9.7133

■ 47.8640, 82.8668,
9.7133

■ 47.2999, 83.3553,
12.3256

■ 49.4937, 80.0816,
5.5080

■ 52.2232, 74.2699,
2.0853

■ 56.0659, 65.9153,
-0.2881

■ 60.9413, 55.8184,
-1.5523

■ 66.7255, 44.7461,
-1.7941

73.2864, 33.2671,
-1.1682

80.5026, 21.7360,
0.1608

88.2708, 10.3427,
2.0476

96.5065, -0.8289,
4.3746

Harmonies

Analogous

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



47.8654, 75.2783, -29.2107



47.8640, 82.8668, 9.7133



47.8654, 62.8837, 27.1812

Triad

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



47.8654, 82.8614, 9.7146



47.8654, -36.3624, 30.5833



47.8654, -25.8267, -99.7857

Complementary

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



47.8640, 82.8668, 9.7133



85.9595, -63.9833, 31.3433

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.



47.8654, -44.8932, -53.2387



47.8640, 82.8668, 9.7133



47.8654, -49.6606, 21.2920

Square

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



47.8654, 82.8614, 9.7146



47.8654, -10.4213, 32.4693



47.8654, -52.2659, -5.7952



47.8654, 5.8512, -112.1731

Rectangle

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



47.8640, 82.8668, 9.7133



47.8654, 39.2401, 31.0848



47.8654, -52.2659, -5.7952



47.8654, -33.6172, -86.5549

Sweetspot

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



47.8654, 82.8614, 9.7146



77.6157, 26.2273, -0.4316



37.6091, 81.2590, -124.5491



34.4800, 14.4386, -0.4526

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8654, 82.8614, 9.7146



47.3000, 83.3555, 12.3256



47.1985, 75.5526, 29.8361



42.5634, 2.3973, 1.4193



34.2328, 60.4067, 8.3069



10.7814, 19.2127, 1.1596

Inverse Universe

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



47.8654, 82.8614, 9.7146



47.3000, 83.3555, 12.3256



83.1003, -39.9261, -16.9928



42.5634, 2.3973, 1.4193



34.2328, 60.4067, 8.3069



10.7814, 19.2127, 1.1596

Previews

White Background



This preview shows how the HunterLab color 47.8640, 82.8668, 9.7133 looks on a white background.

Color Contrast Check

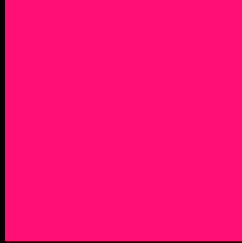
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.8640, 82.8668, 9.7133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

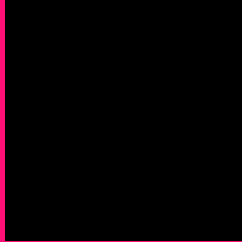
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.8640, 82.8668, 9.7133 Background



This preview shows how black text looks on a background with the HunterLab color 47.8640, 82.8668, 9.7133.



This preview shows how white text looks on a background with the HunterLab color 47.8640, 82.8668,

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

47.8640, 82.8668, 9.7133

Protanopia

48.2415, 2.1531, -16.9761

Deuteranopia

48.0732, 3.3881, 12.5263



Tritanopia

47.9820, 71.2929, 27.3591

Trichromacy



Original Color

47.8640, 82.8668, 9.7133



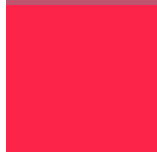
Protanomaly

42.3381, 34.4121, -14.3099



Deuteranomaly

43.4507, 37.6854, 6.9127



Tritanomaly

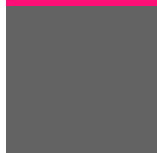
47.5662, 75.6525, 22.7776

Monochromacy



Original Color

47.8640, 82.8668, 9.7133



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

34.9897, 32.5283, -0.9757

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8640, 82.8668, 9.7133 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(255, 15, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 118)  
}
```

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(255, 15, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8640, 82.8668, 9.7133 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(255, 15, 118) }
```


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

```
.border{ border-color:rgb(255, 15, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 15, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8640, 82.8668, 9.7133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 118) }
```

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

```
.background{ background-color: rgb(255, 15,  
118) }
```

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](#).

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