

Converting Colors

HunterLab(48.4731, 78.5422,
15.1379)

Have a look what the booklet for
HunterLab(48.4731, 78.5422,
15.1379) contains.

HunterLab(48.4987, 78.4300, 15.2469)	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(48.4987, 78.4300,
15.2469)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2468
RGB	255, 36, 104
RGB Percent	100%, 14%, 41%
CMY	0.0000, 0.8587, 0.5922
CMYK	0.00, 0.86, 0.59, 0.00
HSL	341°, 100%, 57%
HSV	341°, 86%, 100%
XYZ	44.3696, 23.5212, 15.2982
YIQ	109.2330, 108.6960, 67.5760

Conversions

Conversions Part 2

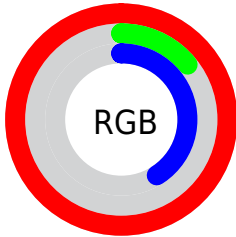
Format	Color
RYB	255, 36, 104
Decimal	16721000
CIELab	55.61, 79.22, 19.49
CIElCh	56, 81.583, 13.818
Yxy	23.5227, 0.5334, 0.2828
Android (android.graphics.Color)	4294911080 (0xFFFF2468)
YUV	109.2330, -2.5799, 127.8377
Hunter-Lab	48.4987, 78.4300, 15.2469

Details

The HunterLab color **48.4987, 78.4300, 15.2469** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **86.8816, -58.6432, 20.4168**, and the grayscale version is **39.1801, -2.0906, 2.1287**.

A 20% lighter version of the original color is **58.7910, 56.8947, 5.9492**, and **33.7370, 58.6811, 14.7810** is the 20% darker color. If you saturate the color by 10%, you get **47.0820, 80.8228, 19.2286**, and if you desaturate by 10%, it is **51.0378, 73.0470, 11.4951**.

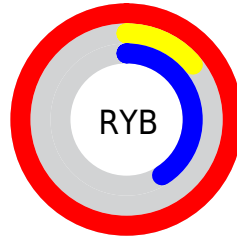
Distribution



Red (100%)

Green (14%)

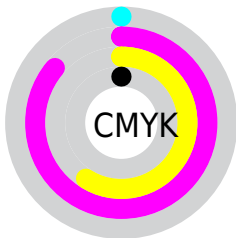
Blue (41%)



Red (100%)

Yellow (14%)

Blue (41%)

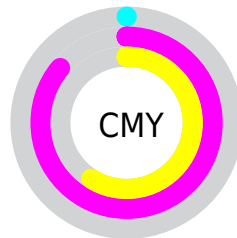


Cyan (0%)

Magenta (86%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.4987, 78.4300, 15.2469 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 48.4987, 78.4300, 15.2469 by changing the saturation by 10% instead.

 48.4987, 78.4300,
15.2469


 48.4987, 78.4300,
15.2469


164.4379, 97.6390,
29.7006


 38.7039, 75.9798,
13.4892


 70.1784, 83.2567,
18.6041


 29.6737, 73.6354,
11.6456


 81.9778, 85.5725,
20.2301


 21.4811, 71.6268,
9.6781

 94.3731, 87.8032,
21.8339

 14.2227, 70.5589,
7.7925

 107.3369, 89.9452,
23.4220

 7.8784, 74.4175,
5.5149

 120.8453, 91.9978,
24.9993

0.0000, INF, NaN

0.0000, INF, NaN

134.8772, 93.9626,

26.5696

0.0000, NaN, NaN

149.4137, 95.8420,
28.1359

0.0000, NaN, NaN

■ 48.4987, 78.4300,
15.2469

■ 48.4987, 78.4300,
15.2469

■ 47.0820, 80.8228,
19.2286

■ 51.0378, 73.0470,
11.4951

■ 46.7191, 81.2211,
20.7841

■ 54.7260, 65.1050,
8.3285

■ 59.4898, 55.3907,
5.9461

■ 65.2021, 44.6924,
4.3895

■ 71.7240, 33.6010,
3.5983

78.9267, 22.4829,
3.4674

86.7007, 11.5307,
3.8850

94.9565, 0.8261,
4.7505

99.9999, -5.3359,
5.4331

Harmonies

Analogous

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



48.5002, 77.3269, -18.0392



48.4987, 78.4300, 15.2469



48.5002, 54.0394, 28.9517

Triad

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



48.5002, 78.4246, 15.2481



48.5002, -40.0037, 29.4658



48.5002, -19.4680, -102.8036

Complementary

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



48.4987, 78.4300, 15.2469



86.8816, -58.6432, 20.4168

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.



48.5002, -41.2621, -62.9960



48.4987, 78.4300, 15.2469



48.5002, -50.6932, 16.9480

Square

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



48.5002, 78.4246, 15.2481



48.5002, -17.2114, 32.5097



48.5002, -51.0796, -14.6476



48.5002, 13.9982, -104.5821

Rectangle

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



48.4987, 78.4300, 15.2469



48.5002, 29.6870, 31.8393



48.5002, -51.0796, -14.6476



48.5002, -28.1528, -92.6214

Sweetspot

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



48.5002, 78.4246, 15.2481



78.8312, 22.6240, 3.4654



43.4506, 83.5543, -100.8586



35.2856, 12.2435, 1.5941

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.5002, 78.4246, 15.2481



46.7192, 81.2213, 20.7841



51.5556, 62.6540, 30.9434



42.5205, 2.1667, 2.0310



33.8059, 58.8391, 14.5161



10.6367, 18.6834, 3.2468

Inverse Universe

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



48.5002, 78.4246, 15.2481



46.7192, 81.2213, 20.7841



74.9147, -28.5449, -29.2130



42.5205, 2.1667, 2.0310



33.8059, 58.8391, 14.5161



10.6367, 18.6834, 3.2468

Previews

White Background



This preview shows how the HunterLab color 48.4987, 78.4300, 15.2469 looks on a white background.

Color Contrast Check

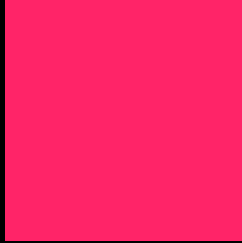
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4987, 78.4300, 15.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

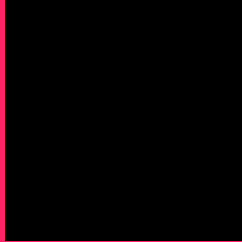
Any Text WCAG AA ✓ Pass

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 48.4987, 78.4300, 15.2469 Background



This preview shows how black text looks on a background with the HunterLab color 48.4987, 78.4300, 15.2469.

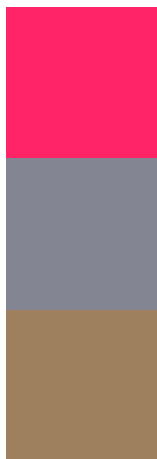


This preview shows how white text looks on a background with the HunterLab color 48.4987, 78.4300,

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

48.4987, 78.4300, 15.2469

Protanopia

48.7721, -0.5528, -3.5132

Deuteranopia

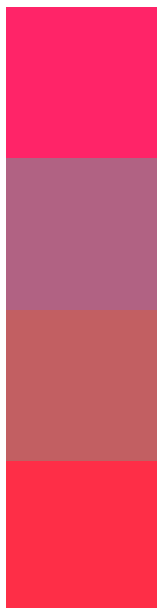
48.5978, 3.2443, 17.0829



Tritanopia

48.5660, 70.6846, 27.1974

Trichromacy



Original Color

48.4987, 78.4300, 15.2469

Protanomaly

44.4085, 29.1872, -0.7930

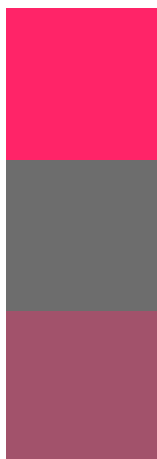
Deuteranomaly

45.3162, 33.1348, 13.3852

Tritanomaly

48.4559, 73.5574, 23.8520

Monochromacy



Original Color

48.4987, 78.4300, 15.2469

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.4415, 28.2490, 2.7282

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4987, 78.4300, 15.2469 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, 36, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 36, 104)  
}
```

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, 36, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 36, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4987, 78.4300, 15.2469 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, 36, 104) }
```


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

```
.border{ border-color:rgb(255, 36, 104) }
```

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

Here you see how a box with a 4 pixel rgb(255, 36, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 36, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 36, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 36,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4987, 78.4300, 15.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 36, 104) }
```

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

```
.background{ background-color: rgb(255, 36,  
104) }
```

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