

# Converting Colors

HunterLab(47.8562, 77.0227,  
-15.6671)

Have a look what the booklet for  
HunterLab(47.8562, 77.0227,  
-15.6671) contains.

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# Color

**HunterLab(47.8562, 77.0227,  
-15.6671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED2FA9
RGB	237, 47, 169
RGB Percent	93%, 18%, 66%
CMY	0.0706, 0.8156, 0.3373
CMYK	0.00, 0.80, 0.29, 0.07
HSL	321°, 84%, 56%
HSV	321°, 80%, 93%
XYZ	43.1030, 22.9022, 39.6849
YIQ	117.7180, 74.0780, 78.2220

# Conversions

## Conversions Part 2

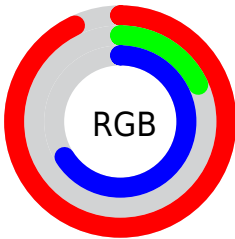
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 47, 169
Decimal	15544233
CIE <sub>Lab</sub>	54.97, 78.23, -20.50
CIE <sub>LCh</sub>	55, 80.869, 345.318
Yxy	22.9034, 0.4078, 0.2167
Android (android.graphics.Color)	4293734313 (0xFFED2FA9)
YUV	117.7180, 25.2820, 104.6103
Hunter-Lab	47.8562, 77.0227, -15.6671

# Details

The HunterLab color **47.8562, 77.0227, -15.6671** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **79.0009, -60.1810, 35.4503**, and the grayscale version is **42.3426, -2.2593, 2.3006**.

A 20% lighter version of the original color is **62.1904, 65.4231, -27.7653**, and **32.4260, 59.4913, -9.7502** is the 20% darker color. If you saturate the color by 10%, you get **46.0284, 80.8867, -13.3677**, and if you desaturate by 10%, it is **50.6641, 70.3908, -16.5215**.

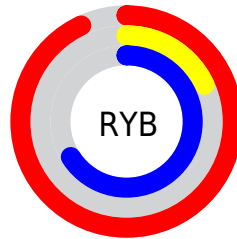
# Distribution



Red (93%)

Green (18%)

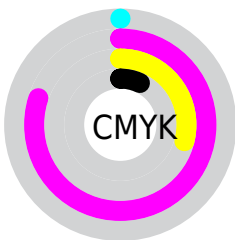
Blue (66%)



Red (93%)

Yellow (18%)

Blue (66%)

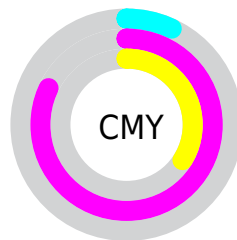


Cyan (0%)

Magenta (80%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (82%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8562, 77.0227, -15.6671 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 47.8562, 77.0227, -15.6671 by changing the saturation by 10% instead.



47.8562, 77.0227,  
-15.6671

47.8562, 77.0227,  
-15.6671

163.4712, 96.0509,  
-16.2516

38.1080, 74.5887,  
-15.3031

69.4512, 81.8163,  
-16.1931

29.1286, 72.2579,  
-14.8782

81.2118, 84.1128,  
-16.3626

20.9920, 70.2652,  
-14.4066

93.5701, 86.3233,  
-16.4734

13.7969, 69.2328,  
-13.9448

106.4986, 88.4443,  
-16.5286

7.4196, 74.7309,  
-14.5856

119.9732, 90.4755,  
-16.5314

0.0000, INF, -NF

0.0000, INF, NaN

133.9724, 92.4186,

-16.4845

0.0000, NaN, NaN

148.4775, 94.2760,  
-16.3905

0.0000, NaN, NaN

■ 47.8562, 77.0227,  
-15.6671

■ 47.8562, 77.0227,  
-15.6671

■ 46.0284, 80.8867,  
-13.3677

■ 50.6641, 70.3908,  
-16.5215

■ 45.0303, 82.1625,  
-10.0246

■ 54.4313, 61.5779,  
-15.9620

■ 59.0794, 51.3203,  
-14.1835

■ 64.5012, 40.2756,  
-11.4453

■ 70.5868, 28.9175,  
-7.9925

77.2361, 17.5392,  
-4.0229

84.3640, 6.2990,  
0.3168

91.9003, -4.7328,  
4.9233

98.0501, -12.8051,  
7.7897

# Harmonies

## Analogous

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



47.8575, 52.3721, -63.5828



47.8562, 77.0227, -15.6671



47.8575, 76.7271, 16.1262

# Triad

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



47.8575, 77.0188, -15.6654



47.8575, -18.4066, 32.0273



47.8575, -39.9392, -64.6185

# Complementary

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



47.8562, 77.0227, -15.6671



79.0009, -60.1810, 35.4503

# 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.



47.8575, -50.1716, -16.5665



47.8562, 77.0227, -15.6671



47.8575, -40.2735, 28.7615

# Square

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



47.8575, 77.0188, -15.6654



47.8575, 14.8818, 32.0503



47.8575, -50.2742, 15.6746



47.8575, -17.8071, -102.6015



# Rectangle

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



47.8562, 77.0227, -15.6671



47.8575, 62.1318, 26.2103



47.8575, -50.2742, 15.6746



47.8575, -44.5785, -48.0593

# Sweetspot

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



47.8575, 77.0188, -15.6654



81.0205, 23.9102, -6.1234



34.1954, 61.1525, -116.7767



36.2942, 13.1102, -3.5421

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



47.8575, 77.0188, -15.6654



49.2804, 88.9294, -12.2842



45.3364, 67.2443, 20.2871



39.0089, 2.5356, 0.2906



33.3115, 60.8495, -7.9521



9.4318, 17.4003, -3.5801



# Inverse Universe

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



47.8575, 77.0188, -15.6654



49.2804, 88.9294, -12.2842



81.0877, -47.4571, 5.2646



39.0089, 2.5356, 0.2906



33.3115, 60.8495, -7.9521



9.4318, 17.4003, -3.5801



# Previews

## White Background



This preview shows how the HunterLab color 47.8562, 77.0227, -15.6671 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

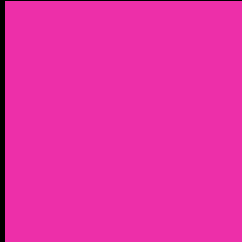
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 47.8562, 77.0227, -15.6671 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

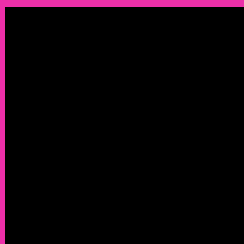
Any Text WCAG AA ✓ Pass

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 47.8562, 77.0227, -15.6671 Background



This preview shows how black text looks on a background with the HunterLab color 47.8562, 77.0227, -15.6671.



This preview shows how white text looks on a background with the HunterLab color 47.8562, 77.0227, -15.6671.

-15.6671.

# 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

47.8562, 77.0227, -15.6671

### Protanopia

48.4070, 11.2273, -60.7699

### Deuteranopia

48.0721, 3.5938, -10.7705



## Tritanopia

47.6864, 54.3361, 20.4103

# Trichromacy



## Original Color

47.8562, 77.0227, -15.6671



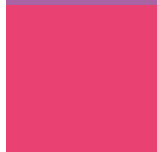
## Protanomaly

43.7944, 32.9178, -52.3563



## Deuteranomaly

44.8487, 31.5641, -17.6196



## Tritanomaly

47.3656, 62.5380, 10.3539

# Monochromacy



## Original Color

47.8562, 77.0227, -15.6671



## Achromatopsia

42.5634, -2.2711, 2.3126



## Achromatomaly

41.2765, 27.4044, -8.0812

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.8562, 77.0227, -15.6671 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(237, 47, 169)` looks like.

```
.text, #text, p{  
    color:rgb(237, 47, 169)  
}
```

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(237, 47, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 47, 169) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.8562, 77.0227, -15.6671 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(237, 47, 169) }
```



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

```
.border{ border-color:rgb(237, 47, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 47, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 47, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 47, 169);  
box-shadow:4px 4px 4px 4px rgb(237, 47,  
169) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.8562, 77.0227, -15.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 47, 169) }
```

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

```
.background{ background-color: rgb(237, 47,  
169) }
```

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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