

Converting Colors

HunterLab(47.9421, 87.9661,
-29.0730)

Have a look what the booklet for
HunterLab(47.9421, 87.9661,
-29.0730) contains.

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Color

**HunterLab(47.8922, 87.9458,
-29.2583)**

Conversions

Conversions Part 1	
Format	Color
Hex	F20FBE
RGB	242, 15, 190
RGB Percent	95%, 6%, 75%
CMY	0.0510, 0.9410, 0.2549
CMYK	0.00, 0.94, 0.21, 0.05
HSL	314°, 90%, 50%
HSV	314°, 94%, 95%
XYZ	46.0831, 22.9366, 50.7136
YIQ	102.8230, 79.1170, 102.5490

Conversions

Conversions Part 2

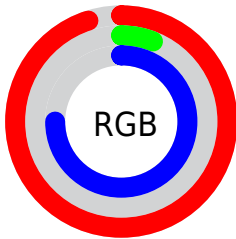
Format	Color
RYB	242, 15, 190
Decimal	15863742
CIELab	55.01, 86.73, -32.60
CIELCh	55, 92.657, 339.398
Yxy	22.9378, 0.3849, 0.1916
Android (android.graphics.Color)	4294053822 (0xFFFF20FBE)
YUV	102.8230, 42.9783, 122.0582
Hunter-Lab	47.8922, 87.9458, -29.2583

Details

The HunterLab color **47.8922, 87.9458, -29.2583** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **80.0076, -66.4689, 44.1969**, and the grayscale version is **36.5920, -1.9525, 1.9881**.

A 20% lighter version of the original color is **61.3807, 75.4402, -45.8553**, and **34.0607, 63.5487, -18.4451** is the 20% darker color. If you saturate the color by 10%, you get **47.3774, 88.6677, -27.7765**, and if you desaturate by 10%, it is **49.3042, 84.8303, -30.6097**.

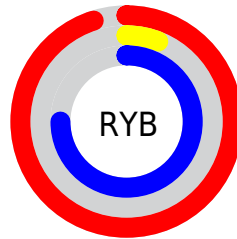
Distribution



Red (95%)

Green (6%)

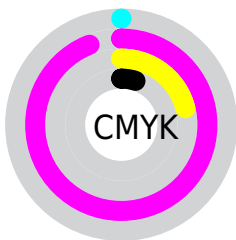
Blue (75%)



Red (95%)

Yellow (6%)

Blue (75%)

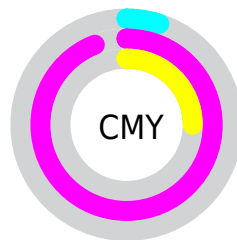


Cyan (0%)

Magenta (94%)

Yellow (21%)

Black (5%)



Cyan (5%)


Magenta (94%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.8922, 87.9458, -29.2583 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 47.8922, 87.9458, -29.2583 by changing the saturation by 10% instead.


 47.8922, 87.9458,
-29.2583


 47.8922, 87.9458,
-29.2583


163.5254,
108.8229, -32.8337


 38.1413, 85.4305,
-28.6498


 69.4919, 93.0548,
-30.3946

 29.1591, 83.1207,
-28.0687


 81.2547, 95.5484,
-30.8973

 21.0194, 81.3423,
-27.6139

 93.6151, 97.9696,
-31.3487

 13.8207, 80.9377,
-27.5487

 106.5456,
100.3097, -31.7476

 7.4461, 88.5357,
-30.1181

 120.0220,
102.5649, -32.0944

0.0000, INF, -NF

0.0000, NaN, NaN

134.0231,

104.7347, -32.3900

0.0000, NaN, NaN

148.5300,
106.8201, -32.6359

■ 47.8922, 87.9458,
-29.2583

■ 47.8922, 87.9458,
-29.2583

■ 47.3774, 88.6677,
-27.7765

■ 49.3042, 84.8303,
-30.6097

■ 51.6745, 78.7388,
-30.2454

■ 55.0317, 70.0779,
-28.2098

■ 59.3236, 59.5710,
-24.7726

■ 64.4549, 47.9569,
-20.2837

70.3167, 35.8214,
-15.0684

76.8037, 23.5558,
-9.3807

83.8229, 11.3883,
-3.3993

91.2963, -0.5677,
2.7588

Harmonies

Analogous

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



47.8935, 53.8572, -89.5513



47.8922, 87.9458, -29.2583



47.8935, 94.1568, 12.7120

Triad

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



47.8935, 87.9420, -29.2563



47.8935, -14.0228, 33.2287



47.8935, -47.2838, -66.7802

Complementary

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



47.8922, 87.9458, -29.2583



80.0076, -66.4689, 44.1969

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.



47.8935, -55.7836, -10.3316



47.8922, 87.9458, -29.2583



47.8935, -40.9734, 31.3131

Square

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



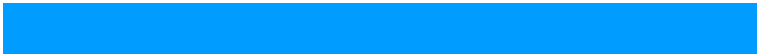
47.8935, 87.9420, -29.2563



47.8935, 26.2727, 32.8235



47.8935, -53.9092, 21.3141



47.8935, -25.8568, -120.6480

Rectangle

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



47.8922, 87.9458, -29.2583



47.8935, 80.1831, 25.8499



47.8935, -53.9092, 21.3141



47.8935, -51.3847, -46.2403

Sweetspot

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



47.8935, 87.9420, -29.2563



78.4766, 30.5844, -12.5940



28.0193, 67.7193, -159.3071



34.9460, 16.7572, -7.0244

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8935, 87.9420, -29.2563



50.2711, 94.0708, -29.3763



44.4856, 75.4830, 18.7864



39.9573, 2.8479, -0.3487



34.7564, 65.1001, -20.7870



10.0989, 19.0397, -7.0016

Inverse Universe

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



47.8935, 87.9420, -29.2563



50.2711, 94.0708, -29.3763



81.7365, -55.7829, 18.9529



39.9573, 2.8479, -0.3487



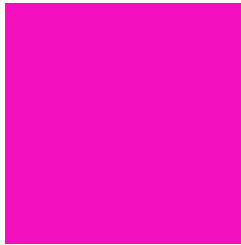
34.7564, 65.1001, -20.7870



10.0989, 19.0397, -7.0016

Previews

White Background



This preview shows how the HunterLab color 47.8922, 87.9458, -29.2583 looks on a white background.

Color Contrast Check

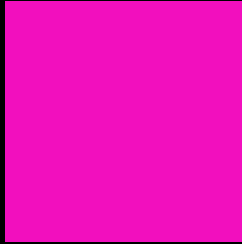
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8922, 87.9458, -29.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

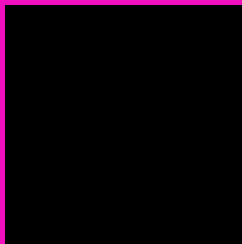
Any Text WCAG AA ✓ Pass

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 47.8922, 87.9458, -29.2583 Background



This preview shows how black text looks on a background with the HunterLab color 47.8922, 87.9458, -29.2583.



This preview shows how white text looks on a background with the HunterLab color 47.8922, 87.9458, -29.2583.

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

47.8922, 87.9458, -29.2583

Protanopia

48.5676, 16.3446, -85.2812

Deuteranopia

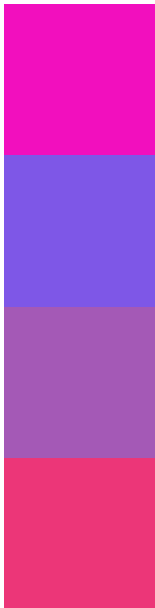
48.4149, 3.3827, -21.6882



Tritanopia

48.0330, 55.8074, 21.2067

Trichromacy



Original Color
47.8922, 87.9458, -29.2583

Protanomaly
41.2572, 42.1767, -82.4846

Deuteranomaly
42.9123, 38.5687, -34.0289

Tritanomaly
46.7197, 68.3979, 7.4356

Monochromacy



Original Color
47.8922, 87.9458, -29.2583

Achromatopsia
36.8284, -1.9651, 2.0010

Achromatomaly
36.2295, 34.9045, -14.5761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8922, 87.9458, -29.2583 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(242, 15, 190)` looks like.

```
.text, #text, p{  
    color:rgb(242, 15, 190)  
}
```

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(242, 15, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 15, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8922, 87.9458, -29.2583 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(242, 15, 190) }
```


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

```
.border{ border-color:rgb(242, 15, 190) }
```

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

Here you see how a box with a 4 pixel rgb(242, 15, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 15, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 15, 190);  
box-shadow:4px 4px 4px 4px rgb(242, 15,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8922, 87.9458, -29.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 15, 190) }
```

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

```
.background{ background-color: rgb(242, 15,  
190) }
```

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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