

Converting Colors

HunterLab(46.1780, 83.2985,
-2.8529)

Have a look what the booklet for
HunterLab(46.1780, 83.2985,
-2.8529) contains.

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Color

**HunterLab(46.2228, 83.3830,
-2.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	F5008E
RGB	245, 0, 142
RGB Percent	96%, 0%, 56%
CMY	0.0392, 0.9998, 0.4431
CMYK	0.00, 1.00, 0.42, 0.04
HSL	325°, 100%, 48%
HSV	325°, 100%, 96%
XYZ	42.5387, 21.3655, 27.4731
YIQ	89.4430, 100.4380, 96.1020

Conversions

Conversions Part 2

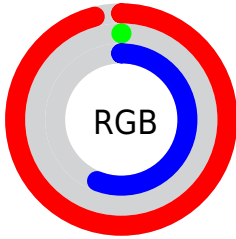
Format	Color
RYB	245, 0, 142
Decimal	16056462
CIELab	53.35, 83.54, -6.81
CIELCh	53, 83.822, 355.337
Yxy	21.3667, 0.4655, 0.2338
Android (android.graphics.Color)	4294246542 (0xFFFF5008E)
YUV	89.4430, 25.9106, 136.4235
Hunter-Lab	46.2228, 83.3830, -2.8838

Details

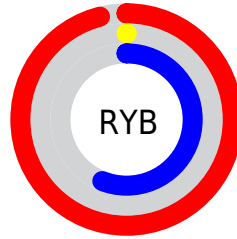
The HunterLab color **46.2228, 83.3830, -2.8838** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **81.4159, -65.5139, 39.6654**, and the grayscale version is **31.6636, -1.6895, 1.7203**.

A 20% lighter version of the original color is **58.2931, 68.1531, -16.0046**, and **32.7380, 58.4251, 2.8587** is the 20% darker color. If you saturate the color by 10%, you get **46.2220, 83.3801, -2.8727**, and if you desaturate by 10%, it is **47.2926, 82.1280, -6.8256**.

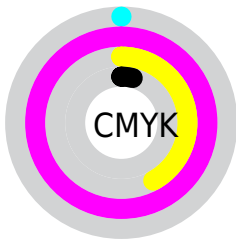
Distribution



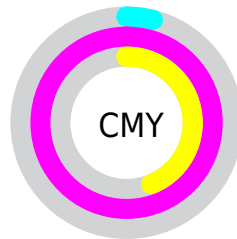
- Red (96%)
- Green (0%)
- Blue (56%)



- Red (96%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2228, 83.3830, -2.8838 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 46.2228, 83.3830, -2.8838 by changing the saturation by 10% instead.

46.2228, 83.3830,
-2.8838

46.2228, 83.3830,
-2.8838

161.0034,
103.6931, 0.8365

36.5955, 80.9056,
-3.0492

67.5996, 88.3901,
-2.3716

27.7475, 78.6268,
-3.1475

79.2602, 90.8247,
-2.0385

19.7563, 76.8812,
-3.1667

91.5235, 93.1830,
-1.6592

12.7260, 76.5678,
-3.0934

104.3611, 95.4574,
-1.2367

6.0885, 93.0656,
-4.3079

117.7485, 97.6450,
-0.7737

0.0000, INF, NaN

0.0000, INF, NaN

131.6639, 99.7457,

-0.2726

0.0000, NaN, NaN

146.0880,
101.7609, 0.2647

0.0000, NaN, NaN

■ 46.2228, 83.3830,
-2.8838

■ 46.2228, 83.3830,
-2.8838

■ 46.2220, 83.3801,
-2.8727

■ 47.2926, 82.1280,
-6.8256

■ 49.2383, 78.1730,
-9.7919

■ 52.2157, 71.3760,
-11.4136

■ 56.2017, 62.3504,
-11.6596

■ 61.1082, 51.8701,
-10.6795

■ 66.8197, 40.6115,
-8.7011

■ 73.2192, 29.0544,
-5.9531

■ 80.2017, 17.4909,
-2.6281

■ 87.6780, 6.0755,
1.1261

Harmonies

Analogous

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



46.2241, 65.2746, -49.3024



46.2228, 83.3830, -2.8838



46.2241, 73.5489, 22.1219

Triad

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



46.2241, 83.3782, -2.8823



46.2241, -27.4496, 30.8893



46.2241, -34.3256, -84.5917

Complementary

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



46.2228, 83.3830, -2.8838



81.4159, -65.5139, 39.6654

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.



46.2241, -48.2614, -33.2048



46.2228, 83.3830, -2.8838



46.2241, -45.1800, 25.8700

Square

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



46.2241, 83.3782, -2.8823



46.2241, 3.0177, 31.6005



46.2241, -51.5590, 7.3329



46.2241, -7.7109, -113.9234

Rectangle

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



46.2228, 83.3830, -2.8838



46.2241, 53.6493, 28.5960



46.2241, -51.5590, 7.3329



46.2241, -40.3040, -68.0794

Sweetspot

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



46.2241, 83.3782, -2.8823



76.5629, 30.5118, -6.2580



30.7009, 74.0385, -146.6160



34.0762, 16.4870, -3.4953

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2241, 83.3782, -2.8823



48.3641, 87.2308, -2.9010



44.1202, 75.6681, 27.5922



40.7965, 2.5577, 0.6113



33.9675, 61.3498, -2.6974



10.1714, 18.5535, -2.2237

Inverse Universe

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



46.2241, 83.3782, -2.8823



48.3641, 87.2308, -2.9010



84.0945, -49.1272, 0.9432



40.7965, 2.5577, 0.6113



33.9675, 61.3498, -2.6974



10.1714, 18.5535, -2.2237

Previews

White Background



This preview shows how the HunterLab color 46.2228, 83.3830, -2.8838 looks on a white background.

Color Contrast Check

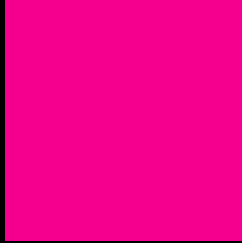
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2228, 83.3830, -2.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

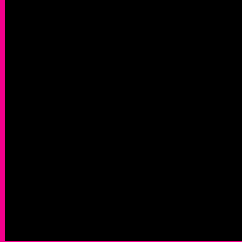
Any Text WCAG AA ✓ Pass

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 46.2228, 83.3830, -2.8838 Background



This preview shows how black text looks on a background with the HunterLab color 46.2228, 83.3830, -2.8838.



This preview shows how white text looks on a background with the HunterLab color 46.2228, 83.3830, -2.8838.

-2.8838.

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

46.2228, 83.3830, -2.8838

Protanopia

46.8942, 7.8260, -43.1944

Deuteranopia

46.7775, 3.0270, 1.6606



Tritanopia

46.5393, 64.7375, 24.7110

Trichromacy



Original Color

46.2228, 83.3830, -2.8838



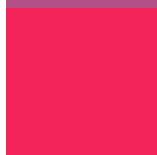
Protanomaly

39.8068, 39.5095, -39.8922



Deuteranomaly

41.1723, 38.9442, -6.9563



Tritanomaly

45.6730, 72.6957, 17.1472

Monochromacy



Original Color

46.2228, 83.3830, -2.8838



Achromatopsia

31.6068, -1.6865, 1.7173



Achromatomaly

31.8119, 34.2414, -6.2402

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2228, 83.3830, -2.8838 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(245, 0, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 142)  
}
```

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(245, 0, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2228, 83.3830, -2.8838 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(245, 0, 142) }
```


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

```
.border{ border-color:rgb(245, 0, 142) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 142);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2228, 83.3830, -2.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 142) }
```

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

```
.background{ background-color: rgb(245, 0,  
142) }
```

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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