

Converting Colors

HunterLab(44.1564, 89.7165,
5.2036)

Have a look what the booklet for
HunterLab(44.1564, 89.7165,
5.2036) contains.

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Color

**HunterLab(46.3375, 82.2287,
7.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	F90077
RGB	249, 0, 119
RGB Percent	98%, 0%, 47%
CMY	0.0235, 0.9998, 0.5333
CMYK	0.00, 1.00, 0.52, 0.02
HSL	331°, 100%, 49%
HSV	331°, 100%, 98%
XYZ	42.3967, 21.4716, 19.3626
YIQ	88.0170, 110.2050, 89.7970

Conversions

Conversions Part 2

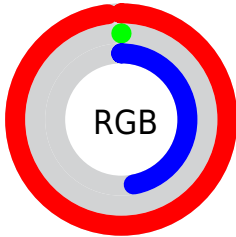
Format	Color
R_{YB}	249, 0, 119
Decimal	16318583
CIE _{Lab}	53.46, 82.62, 7.30
CIE _{LCh}	53, 82.946, 5.046
Yxy	21.4729, 0.5094, 0.2580
Android (android.graphics.Color)	4294508663 (0xFFFF90077)
YUV	88.0170, 15.2746, 141.1821
Hunter-Lab	46.3375, 82.2287, 7.6613

Details

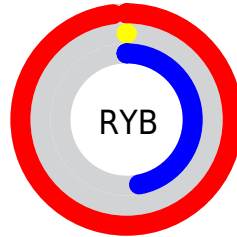
The HunterLab color **46.3375, 82.2287, 7.6613** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **83.2856, -64.5005, 35.1411**, and the grayscale version is **31.1753, -1.6634, 1.6938**.

A 20% lighter version of the original color is **57.3896, 64.2857, -3.3153**, and **32.8165, 57.5855, 10.4593** is the 20% darker color. If you saturate the color by 10%, you get **46.3366, 82.2255, 7.6733**, and if you desaturate by 10%, it is **47.4335, 80.9852, 3.3582**.

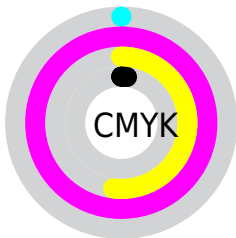
Distribution



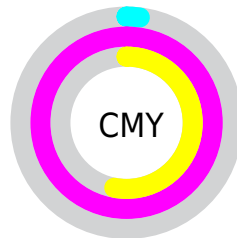
- Red (98%)
- Green (0%)
- Blue (47%)



- Red (98%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3375, 82.2287, 7.6613 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 46.3375, 82.2287, 7.6613 by changing the saturation by 10% instead.

46.3375, 82.2287,
7.6613

46.3375, 82.2287,
7.6613

161.1773,
102.3343, 16.8380

36.7017, 79.7567,
6.7041

67.7298, 87.2026,
9.6017

27.8443, 77.4690,
5.7452

79.3975, 89.6154,
10.5888

19.8428, 75.6847,
4.7744

91.6675, 91.9504,
11.5901

12.8007, 75.2635,
3.7702

104.5116, 94.2003,
12.6068

6.1920, 90.3732,
4.3344

117.9052, 96.3627,
13.6395

0.0000, INF, NaN

0.0000, INF, NaN

131.8265, 98.4380,

14.6887

0.0000, NaN, NaN

146.2563,
100.4277, 15.7549

0.0000, NaN, NaN

■ 46.3375, 82.2287,
7.6613

■ 46.3375, 82.2287,
7.6613

■ 46.3366, 82.2255,
7.6733

■ 47.4335, 80.9852,
3.3582

■ 49.4506, 77.0254,
-0.3017

■ 52.5439, 70.2258,
-2.8992

■ 56.6834, 61.2287,
-4.3066

■ 61.7719, 50.8264,
-4.5806

67.6855, 39.6974,
-3.8791

74.3009, 28.3119,
-2.3869

81.5085, 16.9495,
-0.2733

89.2166, 5.7528,
2.3232

Harmonies

Analogous

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



46.3389, 72.8886, -32.1091



46.3375, 82.2287, 7.6613



46.3389, 64.0670, 25.9009

Triad

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



46.3389, 82.2235, 7.6626



46.3389, -34.3423, 30.0088



46.3389, -26.9448, -96.6211

Complementary

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



46.3375, 82.2287, 7.6613



83.2856, -64.5005, 35.1411

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.



46.3389, -44.7524, -49.2447



46.3375, 82.2287, 7.6613



46.3389, -48.0808, 21.8294

Square

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



46.3389, 82.2235, 7.6626



46.3389, -8.0826, 31.5826



46.3389, -51.2519, -3.2839



46.3389, 3.4126, -111.9284

Rectangle

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



46.3375, 82.2287, 7.6613



46.3389, 41.2149, 30.0194



46.3389, -51.2519, -3.2839



46.3389, -34.2820, -82.8091

Sweetspot

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



46.3389, 82.2235, 7.6626



76.2948, 29.1623, -2.4641



33.8866, 78.2045, -134.5587



33.9336, 15.7810, -1.4790

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.3389, 82.2235, 7.6626



47.6036, 84.4657, 7.9463



44.9791, 76.5061, 29.0529



41.6694, 2.4293, 1.1429



33.9431, 60.3113, 5.0140



10.4325, 18.7276, 0.0612

Inverse Universe

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



46.3389, 82.2235, 7.6626



47.6036, 84.4657, 7.9463



84.8849, -44.0226, -11.0639



41.6694, 2.4293, 1.1429



33.9431, 60.3113, 5.0140



10.4325, 18.7276, 0.0612

Previews

White Background



This preview shows how the HunterLab color 46.3375, 82.2287, 7.6613 looks on a white background.

Color Contrast Check

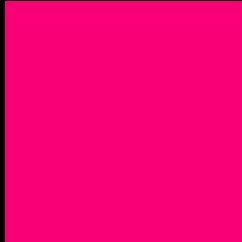
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.3375, 82.2287, 7.6613 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 46.3375, 82.2287, 7.6613 Background



This preview shows how black text looks on a background with the HunterLab color 46.3375, 82.2287, 7.6613.



This preview shows how white text looks on a background with the HunterLab color 46.3375, 82.2287,

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

46.3375, 82.2287, 7.6613

Protanopia

47.1156, 2.7965, -20.0334

Deuteranopia

46.8070, 3.3673, 10.5748



Tritanopia

46.7238, 69.2725, 26.5911

Trichromacy



Original Color

46.3375, 82.2287, 7.6613



Protanomaly

40.2295, 37.0160, -18.9785



Deuteranomaly

41.3503, 38.9414, 3.7610



Tritanomaly

46.0258, 74.6808, 21.5484

Monochromacy



Original Color

46.3375, 82.2287, 7.6613



Achromatopsia

31.2390, -1.6668, 1.6973



Achromatomaly

31.5155, 33.7649, -2.1968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3375, 82.2287, 7.6613 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(249, 0, 119)` looks like.

```
.text, #text, p{  
    color:rgb(249, 0, 119)  
}
```

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(249, 0, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 0, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3375, 82.2287, 7.6613 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(249, 0, 119) }
```


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

```
.border{ border-color:rgb(249, 0, 119) }
```

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

Here you see how a box with a 4 pixel rgb(249, 0, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 0, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 0, 119);  
box-shadow:4px 4px 4px 4px rgb(249, 0,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3375, 82.2287, 7.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 0, 119) }
```

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

```
.background{ background-color: rgb(249, 0,  
119) }
```

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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