

Converting Colors

HunterLab(47.3559, 83.5450,
-16.6122)

Have a look what the booklet for
HunterLab(47.3559, 83.5450,
-16.6122) contains.

| | |
|--|----|
| HunterLab(47.3234, 83.5481, -16.4046) | 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(47.3234, 83.5481,
-16.4046)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F218A9 |
| RGB | 242, 24, 169 |
| RGB Percent | 95%, 9%, 66% |
| CMY | 0.0510, 0.9058, 0.3373 |
| CMYK | 0.00, 0.90, 0.30, 0.05 |
| HSL | 320°, 89%, 52% |
| HSV | 320°, 90%, 95% |
| XYZ | 44.1060, 22.3950, 39.5341 |
| YIQ | 105.7120, 83.3830, 91.3110 |

Conversions

Conversions Part 2

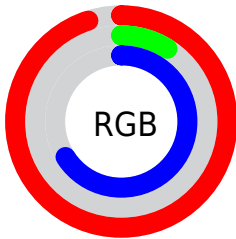
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 242, 24, 169 |
| Decimal | 15866025 |
| CIE _{Lab} | 54.44, 83.46, -21.22 |
| CIE _{LCh} | 54, 86.116, 345.731 |
| Yxy | 22.3963, 0.4160, 0.2112 |
| Android (android.graphics.Color) | 4294056105 (0xFFFF218A9) |
| YUV | 105.7120, 31.2010, 119.5246 |
| Hunter-Lab | 47.3234, 83.5481, -16.4046 |

Details

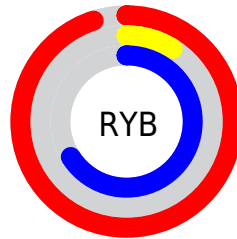
The HunterLab color **47.3234, 83.5481, -16.4046** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **80.3508, -64.4416, 40.0336**, and the grayscale version is **37.7240, -2.0129, 2.0496**.

A 20% lighter version of the original color is **60.4503, 70.3334, -30.6868**, and **33.1476, 60.6409, -8.6155** is the 20% darker color. If you saturate the color by 10%, you get **46.3129, 84.8646, -13.1150**, and if you desaturate by 10%, it is **49.1817, 79.5436, -18.5120**.

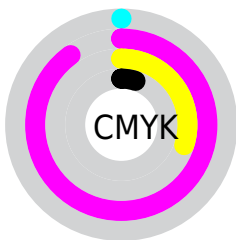
Distribution



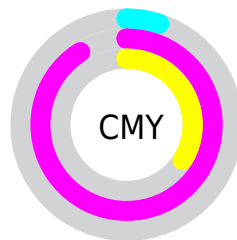
- Red (95%)
- Green (9%)
- Blue (66%)



- Red (95%)
- Yellow (9%)
- Blue (66%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (91%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3234, 83.5481, -16.4046 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 47.3234, 83.5481, -16.4046 by changing the saturation by 10% instead.

47.3234, 83.5481,
-16.4046

47.3234, 83.5481,
-16.4046

162.6680,
103.7718, -17.2197

37.6143, 81.0617,
-16.0158

68.8477, 88.5475,
-16.9833

28.6774, 78.7498,
-15.5694

80.5759, 90.9723,
-17.1794

20.5878, 76.9153,
-15.0843

92.9035, 93.3196,
-17.3165

13.4458, 76.3558,
-14.6291

105.8025, 95.5824,
-17.3977

7.0149, 85.4661,
-15.8100

119.2488, 97.7582,
-17.4259

0.0000, INF, -NF

0.0000, INF, NaN

133.2209, 99.8472,

-17.4040

0.0000, NaN, NaN

147.6996,
101.8509, -17.3345

0.0000, NaN, NaN

■ 47.3234, 83.5481,
-16.4046

■ 47.3234, 83.5481,
-16.4046

■ 46.3129, 84.8646,
-13.1150

■ 49.1817, 79.5436,
-18.5120

■ 52.0377, 72.6999,
-19.0899

■ 55.8770, 63.5995,
-18.1844

■ 60.6194, 53.0027,
-16.0184

■ 66.1560, 41.5878,
-12.8733

72.3745, 29.8455,
-9.0101

79.1727, 18.0806,
-4.6362

86.4631, 6.4582,
0.0967

94.1736, -4.9477,
5.0835

Harmonies

Analogous

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



47.3247, 56.9974, -68.9389



47.3234, 83.5481, -16.4046



47.3247, 82.8113, 17.0253

Triad

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



47.3247, 83.5439, -16.4028



47.3247, -19.6618, 32.1656



47.3247, -41.3953, -71.5831

Complementary

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



47.3234, 83.5481, -16.4046



80.3508, -64.4416, 40.0336

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.



47.3247, -51.9659, -18.6474



47.3234, 83.5481, -16.4046



47.3247, -42.1835, 29.1908

Square

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



47.3247, 83.5439, -16.4028



47.3247, 15.5139, 32.2154



47.3247, -52.2038, 15.9569



47.3247, -18.2154, -113.5947

Rectangle

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



47.3234, 83.5481, -16.4046



47.3247, 66.6741, 26.9814



47.3247, -52.2038, 15.9569



47.3247, -46.1951, -53.2572

Sweetspot

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



47.3247, 83.5439, -16.4028



78.9075, 27.9254, -8.2199



30.9667, 68.3018, -140.5607



35.3972, 14.9015, -4.5108

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3247, 83.5439, -16.4028



49.1397, 90.0285, -13.7904



44.5665, 73.2881, 22.9914



39.9201, 2.6491, 0.1789



33.9837, 62.3409, -10.1545



9.8953, 18.3157, -4.2234

Inverse Universe

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



47.3247, 83.5439, -16.4028



49.1397, 90.0285, -13.7904



82.5464, -50.9744, 8.1813



39.9201, 2.6491, 0.1789



33.9837, 62.3409, -10.1545



9.8953, 18.3157, -4.2234

Previews

White Background



This preview shows how the HunterLab color 47.3234, 83.5481, -16.4046 looks on a white background.

Color Contrast Check

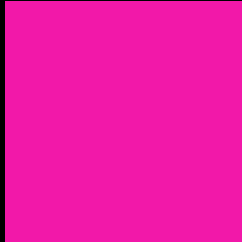
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3234, 83.5481, -16.4046 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 47.3234, 83.5481, -16.4046 Background



This preview shows how black text looks on a background with the HunterLab color 47.3234, 83.5481, -16.4046.



This preview shows how white text looks on a background with the HunterLab color 47.3234, 83.5481, -16.4046.

-16.4046.

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

47.3234, 83.5481, -16.4046

Protanopia

47.8848, 13.4293, -70.4135

Deuteranopia

47.5949, 3.3305, -10.9102



Tritanopia

47.3281, 58.9547, 22.2990

Trichromacy



Original Color

47.3234, 83.5481, -16.4046



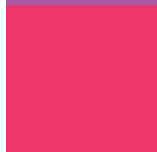
Protanomaly

41.7550, 38.0042, -62.9924



Deuteranomaly

43.1032, 36.2677, -19.8242



Tritanomaly

46.6970, 68.2751, 11.9564

Monochromacy



Original Color

47.3234, 83.5481, -16.4046



Achromatopsia

37.9643, -2.0257, 2.0627



Achromatomaly

37.0438, 31.8564, -9.8575

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3234, 83.5481, -16.4046 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, 24, 169)` looks like.

```
.text, #text, p{  
    color:rgb(242, 24, 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(242, 24, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 24, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3234, 83.5481, -16.4046 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, 24, 169) }
```


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

```
.border{ border-color:rgb(242, 24, 169) }
```

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

Here you see how a box with a 4 pixel rgb(242, 24, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 24, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 24, 169);  
box-shadow:4px 4px 4px 4px rgb(242, 24,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3234, 83.5481, -16.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 24, 169) }
```

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

```
.background{ background-color: rgb(242, 24,  
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](#).

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