

Converting Colors

HunterLab(47.7766, 85.1432,
5.1012)

Have a look what the booklet for
HunterLab(47.7766, 85.1432,
5.1012) contains.

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Color

**HunterLab(47.7964, 85.1688,
5.1798)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0081
RGB	255, 0, 129
RGB Percent	100%, 0%, 51%
CMY	0.0000, 0.9997, 0.4941
CMYK	0.00, 1.00, 0.49, 0.00
HSL	330°, 100%, 50%
HSV	330°, 100%, 100%
XYZ	45.2024, 22.8450, 22.7959
YIQ	90.9510, 110.5710, 94.1790

Conversions

Conversions Part 2

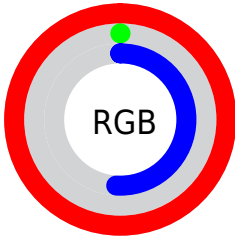
Format	Color
RYB	255, 0, 129
Decimal	16711809
CIELab	54.91, 84.62, 3.51
CIElCh	55, 84.693, 2.373
Yxy	22.8463, 0.4976, 0.2515
Android (android.graphics.Color)	4294901889 (0xFFFF0081)
YUV	90.9510, 18.7582, 143.8710
Hunter-Lab	47.7964, 85.1688, 5.1798

Details

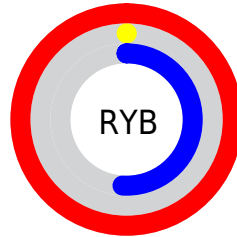
The HunterLab color **47.7964, 85.1688, 5.1798** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **85.4565, -66.9778, 37.7754**, and the grayscale version is **32.2442, -1.7205, 1.7519**.

A 20% lighter version of the original color is **58.0962, 64.9853, -8.2290**, and **34.1402, 60.1626, 8.9101** is the 20% darker color. If you saturate the color by 10%, you get **47.7954, 85.1654, 5.1925**, and if you desaturate by 10%, it is **48.9088, 83.9447, 0.7728**.

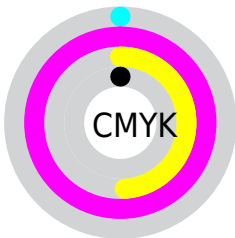
Distribution



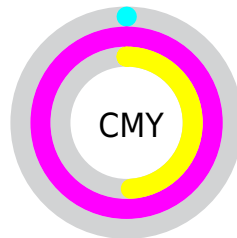
- Red (100%)
- Green (0%)
- Blue (51%)



- Red (100%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7964, 85.1688, 5.1798 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 47.7964, 85.1688, 5.1798 by changing the saturation by 10% instead.

47.7964, 85.1688,
5.1798

47.7964, 85.1688,
5.1798

163.3814,
105.6092, 12.8422

38.0527, 82.6679,
4.4506

69.3836, 90.2055,
6.7160

29.0780, 80.3481,
3.7437

81.1406, 92.6533,
7.5203

20.9467, 78.5123,
3.0582

93.4955, 95.0250,
8.3490

13.7575, 77.9513,
2.3890

106.4207, 97.3131,
9.2015

7.3755, 85.3233,
2.3722

119.8921, 99.5150,
10.0775

0.0000, INF, NaN

0.0000, INF, NaN

133.8884,

101.6306, 10.9766

0.0000, NaN, NaN

148.3905,
103.6613, 11.8983

0.0000, NaN, NaN

■ 47.7964, 85.1688,
5.1798

■ 47.7964, 85.1688,
5.1798

■ 47.7954, 85.1654,
5.1925

■ 48.9088, 83.9447,
0.7728

■ 50.9640, 79.9001,
-2.8689

■ 54.1203, 72.9074,
-5.3255

■ 58.3498, 63.6203,
-6.4893

■ 63.5544, 52.8555,
-6.4445

■ 69.6083, 41.3172,
-5.3753

■ 76.3855, 29.4975,
-3.4868

■ 83.7735, 17.6909,
-0.9622

■ 91.6779, 6.0492,
2.0514

Harmonies

Analogous

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



47.7978, 73.0306, -37.7074



47.7964, 85.1688, 5.1798



47.7978, 68.7410, 25.7755

Triad

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



47.7978, 85.1635, 5.1812



47.7978, -33.5553, 31.2537



47.7978, -29.9669, -96.2106

Complementary

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



47.7964, 85.1688, 5.1798



85.4565, -66.9778, 37.7754

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.



47.7978, -47.2009, -46.0400



47.7964, 85.1688, 5.1798



47.7978, -48.8140, 23.8081

Square

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



47.7978, 85.1635, 5.1812



47.7978, -5.3119, 32.5862



47.7978, -52.9784, -0.1300



47.7978, 0.2701, -116.0390

Rectangle

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



47.7964, 85.1688, 5.1798



47.7978, 45.9554, 30.6207



47.7978, -52.9784, -0.1300



47.7978, -37.1378, -81.1415

Sweetspot

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



47.7978, 85.1635, 5.1812



76.3674, 29.5281, -3.4926



33.8427, 79.2791, -143.5036



33.9721, 15.9719, -2.0243

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7978, 85.1635, 5.1812



47.7955, 85.1656, 5.1925



46.1203, 78.9949, 29.6428



42.5915, 2.5481, 1.0192



34.5930, 61.7217, 3.1279



10.8960, 19.6289, -0.4722

Inverse Universe

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



47.7978, 85.1635, 5.1812



47.7955, 85.1656, 5.1925



88.5830, -47.9521, -7.2035



42.5915, 2.5481, 1.0192



34.5930, 61.7217, 3.1279



10.8960, 19.6289, -0.4722

Previews

White Background



This preview shows how the HunterLab color 47.7964, 85.1688, 5.1798 looks on a white background.

Color Contrast Check

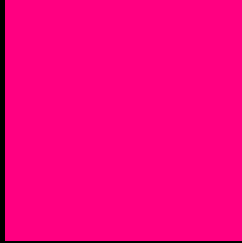
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7964, 85.1688, 5.1798 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 47.7964, 85.1688, 5.1798 Background



This preview shows how black text looks on a background with the HunterLab color 47.7964, 85.1688, 5.1798.



This preview shows how white text looks on a background with the HunterLab color 47.7964, 85.1688,

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

47.7964, 85.1688, 5.1798

Protanopia

48.4673, 4.2409, -26.8881

Deuteranopia

48.2966, 3.2649, 8.7765



Tritanopia

48.0790, 70.1777, 26.9924

Trichromacy



Original Color

47.7964, 85.1688, 5.1798



Protanomaly

41.3746, 38.9928, -24.8336



Deuteranomaly

42.5545, 40.6367, 1.2798



Tritanomaly

47.2154, 76.4305, 21.1432

Monochromacy



Original Color

47.7964, 85.1688, 5.1798



Achromatopsia

32.3445, -1.7258, 1.7573



Achromatomaly

32.5965, 35.0924, -3.6088

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7964, 85.1688, 5.1798 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(255, 0, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 129)  
}
```

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(255, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7964, 85.1688, 5.1798 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(255, 0, 129) }
```


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

```
.border{ border-color:rgb(255, 0, 129) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7964, 85.1688, 5.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 129) }
```

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

```
.background{ background-color: rgb(255, 0,  
129) }
```

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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