

Converting Colors

HunterLab(47.7823, 84.1073,
7.5623)

Have a look what the booklet for
HunterLab(47.7823, 84.1073,
7.5623) contains.

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Color

**HunterLab(47.7706, 84.1014,
7.6508)**

Conversions

Conversions Part 1

Format	Color
Hex	FF067B
RGB	255, 6, 123
RGB Percent	100%, 2%, 48%
CMY	0.0000, 0.9762, 0.5176
CMYK	0.00, 0.98, 0.52, 0.00
HSL	332°, 100%, 51%
HSV	332°, 98%, 100%
XYZ	44.8803, 22.8203, 20.7782
YIQ	93.7890, 110.8470, 89.1750

Conversions

Conversions Part 2

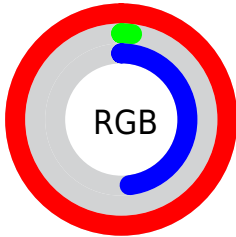
Format	Color
R_{YB}	255, 6, 123
Decimal	16713339
CIE _{Lab}	54.89, 83.80, 7.08
CIE _{LCh}	55, 84.099, 4.826
Yxy	22.8217, 0.5072, 0.2579
Android (android.graphics.Color)	4294903419 (0xFFFF067B)
YUV	93.7890, 14.4010, 141.3820
Hunter-Lab	47.7706, 84.1014, 7.6508

Details

The HunterLab color **47.7706, 84.1014, 7.6508** 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 **85.6713, -65.6913, 34.9825**, and the grayscale version is **33.3110, -1.7774, 1.8099**.

A 20% lighter version of the original color is **58.0194, 63.4666, -4.5833**, and **34.0358, 59.7799, 10.4235** is the 20% darker color. If you saturate the color by 10%, you get **47.5507, 84.2728, 8.7055**, and if you desaturate by 10%, it is **49.0532, 82.3684, 3.2793**.

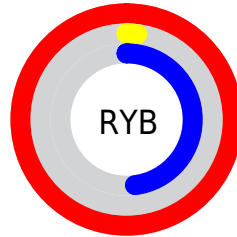
Distribution



Red (100%)

Green (2%)

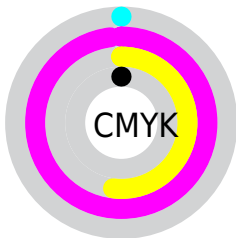
Blue (48%)



Red (100%)

Yellow (2%)

Blue (48%)

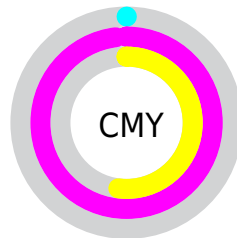


Cyan (0%)

Magenta (98%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (98%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7706, 84.1014, 7.6508 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 47.7706, 84.1014, 7.6508 by changing the saturation by 10% instead.

47.7706, 84.1014,
7.6508

47.7706, 84.1014,
7.6508

163.3425,
104.3690, 16.7558

38.0288, 81.6073,
6.7067

69.3544, 89.1093,
9.5700

29.0562, 79.2846,
5.7634

81.1098, 91.5388,
10.5481

20.9271, 77.4272,
4.8122

93.4633, 93.8908,
11.5412

13.7405, 76.8059,
3.8344

106.3871, 96.1584,
12.5503

7.3563, 84.0500,
4.3872

119.8571, 98.3392,
13.5760

0.0000, INF, NaN

0.0000, INF, NaN

133.8520,

100.4334, 14.6187

0.0000, NaN, NaN

148.3528,
102.4426, 15.6786

0.0000, NaN, NaN

■ 47.7706, 84.1014,
7.6508

■ 47.7706, 84.1014,
7.6508

■ 47.5507, 84.2728,
8.7055

■ 49.0532, 82.3684,
3.2793

■ 51.3772, 77.6028,
-0.3024

■ 54.8132, 70.0341,
-2.7664

■ 59.3100, 60.3932,
-4.0224

■ 64.7571, 49.4880,
-4.1529

71.0245, 37.9705,
-3.3269

77.9873, 26.2753,
-1.7302

85.5365, 14.6508,
0.4715

93.5816, 3.2185,
3.1443

Harmonies

Analogous

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



47.7720, 74.3551, -33.1791



47.7706, 84.1014, 7.6508



47.7720, 65.7325, 26.5417

Triad

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



47.7720, 84.0960, 7.6522



47.7720, -35.0779, 30.8992



47.7720, -27.8159, -98.3426

Complementary

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



47.7706, 84.1014, 7.6508



85.6713, -65.6913, 34.9825

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.



47.7720, -46.0108, -49.9144



47.7706, 84.1014, 7.6508



47.7720, -49.2843, 22.5276

Square

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



47.7720, 84.0960, 7.6522



47.7720, -8.0524, 32.5004



47.7720, -52.6203, -3.0715



47.7720, 3.2100, -114.2728

Rectangle

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



47.7706, 84.1014, 7.6508



47.7720, 42.4361, 30.8570



47.7720, -52.6203, -3.0715



47.7720, -35.3141, -84.1939

Sweetspot

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



47.7720, 84.0960, 7.6522



76.9902, 27.8878, -1.9898



35.3217, 79.9713, -135.6403



34.2258, 15.2121, -1.2565

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7720, 84.0960, 7.6522



47.5508, 84.2730, 8.7055



46.3627, 78.1969, 29.7147



42.5783, 2.4771, 1.2075



34.4155, 61.0744, 5.6740



10.8401, 19.4262, 0.3214

Inverse Universe

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



47.7720, 84.0960, 7.6522



47.5508, 84.2730, 8.7055



87.2698, -45.1834, -11.2908



42.5783, 2.4771, 1.2075



34.4155, 61.0744, 5.6740



10.8401, 19.4262, 0.3214

Previews

White Background



This preview shows how the HunterLab color 47.7706, 84.1014, 7.6508 looks on a white background.

Color Contrast Check

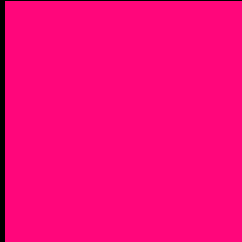
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7706, 84.1014, 7.6508 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 47.7706, 84.1014, 7.6508 Background



This preview shows how black text looks on a background with the HunterLab color 47.7706, 84.1014, 7.6508.



This preview shows how white text looks on a background with the HunterLab color 47.7706, 84.1014,

7.6508.

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

47.7706, 84.1014, 7.6508

Protanopia

48.3414, 3.1359, -21.8163

Deuteranopia

47.9833, 3.3121, 10.6837



Tritanopia

48.0768, 71.0518, 27.2852

Trichromacy



Original Color

47.7706, 84.1014, 7.6508



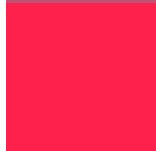
Protanomaly

41.7720, 36.4969, -19.5348



Deuteranomaly

42.7391, 38.9408, 4.0957



Tritanomaly

47.4259, 76.4242, 22.0136

Monochromacy



Original Color

47.7706, 84.1014, 7.6508



Achromatopsia

33.4563, -1.7851, 1.8177



Achromatomaly

33.5223, 34.0370, -2.3854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7706, 84.1014, 7.6508 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, 6, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 6, 123)  
}
```

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, 6, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 6, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7706, 84.1014, 7.6508 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, 6, 123) }
```


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

```
.border{ border-color:rgb(255, 6, 123) }
```

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

Here you see how a box with a 4 pixel rgb(255, 6, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 6, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 6, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 6,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7706, 84.1014, 7.6508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 6, 123) }
```

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

```
.background{ background-color: rgb(255, 6,  
123) }
```

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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