

Converting Colors

HunterLab(49.7819, 87.6419,
-12.5625)

Have a look what the booklet for
HunterLab(49.7819, 87.6419,
-12.5625) contains.

HunterLab(49.7773, 87.6270, -12.5028)	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(49.7773, 87.6270,
-12.5028)**

Conversions

Conversions Part 1

Format	Color
Hex	FF18A9
RGB	255, 24, 169
RGB Percent	100%, 9%, 66%
CMY	0.0000, 0.9058, 0.3373
CMYK	0.00, 0.91, 0.34, 0.00
HSL	322°, 100%, 55%
HSV	322°, 91%, 100%
XYZ	48.7280, 24.7778, 39.7504
YIQ	109.5990, 91.1310, 94.0670

Conversions

Conversions Part 2

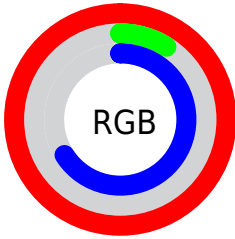
Format	Color
R_{YB}	255, 24, 169
Decimal	16717993
CIE _{Lab}	56.86, 86.13, -17.32
CIE _{LCh}	57, 87.852, 348.629
Yxy	24.7792, 0.4302, 0.2188
Android (android.graphics.Color)	4294908073 (0xFFFF18A9)
YUV	109.5990, 29.2847, 127.5167
Hunter-Lab	49.7773, 87.6270, -12.5028

Details

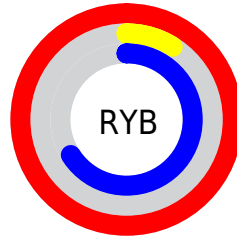
The HunterLab color **49.7773, 87.6270, -12.5028** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **85.3470, -67.8871, 41.1476**, and the grayscale version is **39.2084, -2.0921, 2.1303**.

A 20% lighter version of the original color is **60.9567, 68.8843, -29.8256**, and **35.5272, 64.4564, -5.0662** is the 20% darker color. If you saturate the color by 10%, you get **48.7851, 88.7521, -8.8331**, and if you desaturate by 10%, it is **51.7066, 83.6632, -15.2702**.

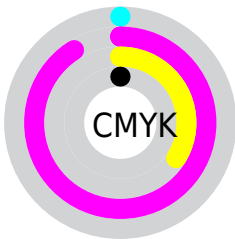
Distribution



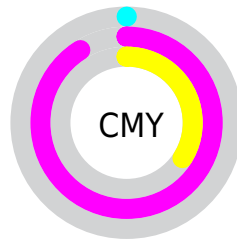
- Red (100%)
- Green (9%)
- Blue (66%)



- Red (100%)
- Yellow (9%)
- Blue (66%)



- Cyan (0%)
- Magenta (91%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7773, 87.6270, -12.5028 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 49.7773, 87.6270, -12.5028 by changing the saturation by 10% instead.

49.7773, 87.6270,
-12.5028

49.7773, 87.6270,
-12.5028

166.3540,
108.2648, -12.0707

39.8906, 85.0979,
-12.2546

71.6232, 92.7070,
-12.7909

30.7609, 82.7314,
-11.9367

83.4988, 95.1748,
-12.8426

22.4588, 80.7987,
-11.5498

95.9668, 97.5671,
-12.8375

15.0767, 79.9838,
-11.1143

109.0001, 99.8765,
-12.7790

8.7144, 82.8226,
-10.8106

122.5752,
102.1005, -12.6704

0.0000, INF, -NF

0.0000, INF, NaN

136.6713,

104.2388, -12.5146

0.0000, NaN, NaN

151.2698,
106.2929, -12.3139

0.0000, NaN, NaN

■ 49.7773, 87.6270,
-12.5028

■ 49.7773, 87.6270,
-12.5028

■ 48.7851, 88.7521,
-8.8331

■ 51.7066, 83.6632,
-15.2702

■ 54.7055, 76.6597,
-16.5065

■ 58.7624, 67.2199,
-16.2059

■ 63.7918, 56.1562,
-14.5621

■ 69.6759, 44.2001,
-11.8481

76.2930, 31.8820,
-8.3292

83.5322, 19.5314,
-4.2229

91.2987, 7.3263,
0.3078

99.5148, -4.6537,
5.1471

Harmonies

Analogous

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



49.7787, 62.4754, -65.6224



49.7773, 87.6270, -12.5028



49.7787, 83.8793, 19.7933

Triad

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



49.7787, 87.6224, -12.5010



49.7787, -23.3357, 33.6119



49.7787, -41.3754, -79.0847

Complementary

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



49.7773, 87.6270, -12.5028



85.3470, -67.8871, 41.1476

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.



49.7787, -53.5902, -23.9963



49.7773, 87.6270, -12.5028



49.7787, -45.4620, 29.8471

Square

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



49.7787, 87.6224, -12.5010



49.7787, 12.1005, 33.8536



49.7787, -54.8286, 14.2542



49.7787, -15.8764, -119.0626

Rectangle

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



49.7773, 87.6270, -12.5028



49.7787, 65.6905, 29.0975



49.7787, -54.8286, 14.2542



49.7787, -46.8084, -60.4287

Sweetspot

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



49.7787, 87.6224, -12.5010



78.8153, 27.4577, -6.9188



33.3288, 73.6912, -146.4745



35.3485, 14.6578, -3.8248

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7787, 87.6224, -12.5010



48.7851, 88.7521, -8.8331



47.1050, 77.6793, 25.8635



42.6367, 2.7905, 0.3762



35.3070, 64.3076, -6.9785



11.1127, 20.4102, -3.5119

Inverse Universe

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



49.7787, 87.6224, -12.5010



48.7851, 88.7521, -8.8331



87.8109, -52.8031, 5.4702



42.6367, 2.7905, 0.3762



35.3070, 64.3076, -6.9785



11.1127, 20.4102, -3.5119

Previews

White Background



This preview shows how the HunterLab color 49.7773, 87.6270, -12.5028 looks on a white background.

Color Contrast Check

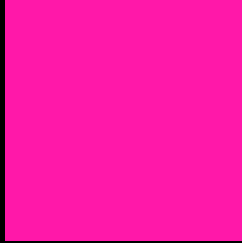
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7773, 87.6270, -12.5028 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 49.7773, 87.6270, -12.5028 Background



This preview shows how black text looks on a background with the HunterLab color 49.7773, 87.6270, -12.5028.



This preview shows how white text looks on a background with the HunterLab color 49.7773, 87.6270, -12.5028.

-12.5028.

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

49.7773, 87.6270, -12.5028

Protanopia

50.4538, 11.9044, -64.6653

Deuteranopia

50.0942, 3.2413, -7.3613



Tritanopia

49.8637, 64.3942, 24.5632

Trichromacy



Original Color

49.7773, 87.6270, -12.5028



Protanomaly

43.9824, 39.5812, -57.9654



Deuteranomaly

45.3422, 38.0276, -16.0920



Tritanomaly

49.1090, 72.9371, 14.7440

Monochromacy



Original Color

49.7773, 87.6270, -12.5028



Achromatopsia

39.4875, -2.1070, 2.1454



Achromatomaly

38.7520, 33.5067, -8.3875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7773, 87.6270, -12.5028 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, 24, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 24, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7773, 87.6270, -12.5028 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, 24, 169) }
```


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

```
.border{ border-color:rgb(255, 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(255, 24, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7773, 87.6270, -12.5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 169) }
```

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

```
.background{ background-color: rgb(255, 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