

Converting Colors

HunterLab(48.9339, 94.0668,
-47.9609)

Have a look what the booklet for
HunterLab(48.9339, 94.0668,
-47.9609) contains.

HunterLab(48.8743, 93.9487, -47.8746)	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(48.8743, 93.9487,
-47.8746)**

Conversions

Conversions Part 1

Format	Color
Hex	F200D9
RGB	242, 0, 217
RGB Percent	95%, 0%, 85%
CMY	0.0510, 0.9998, 0.1490
CMYK	0.00, 1.00, 0.10, 0.05
HSL	306°, 100%, 47%
HSV	306°, 100%, 95%
XYZ	49.1423, 23.8870, 67.6661
YIQ	97.0960, 74.5750, 118.7910

Conversions

Conversions Part 2

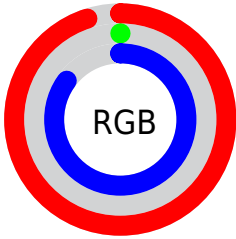
Format	Color
R_{YB}	242, 0, 217
Decimal	15859929
CIE _{Lab}	55.98, 91.07, -46.58
CIE _{LCh}	56, 102.289, 332.912
Yxy	23.8882, 0.3493, 0.1698
Android (android.graphics.Color)	4294050009 (0xFFFF200D9)
YUV	97.0960, 59.1127, 127.0808
Hunter-Lab	48.8743, 93.9487, -47.8746

Details

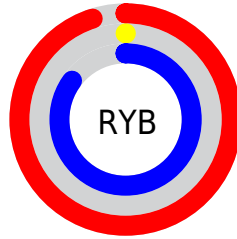
The HunterLab color $48.8743, 93.9487, -47.8746$ is a light color, and the websafe version is hex $FF00CC$. The color can be described as light saturated magenta. A complement of this color would be $79.7342, -68.0560, 47.2546$, and the grayscale version is $34.3864, -1.8348, 1.8683$.

A 20% lighter version of the original color is $61.4714, 78.1039, -52.0047$, and $35.2093, 67.6051, -33.8997$ is the 20% darker color. If you saturate the color by 10%, you get $48.8743, 93.9482, -47.8712$, and if you desaturate by 10%, it is $49.6807, 91.9953, -48.1701$.

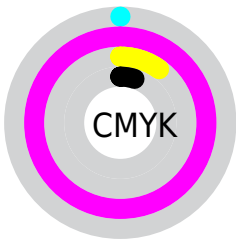
Distribution



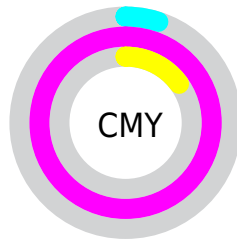
- Red (95%)
- Green (0%)
- Blue (85%)



- Red (95%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.8743, 93.9487, -47.8746 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 48.8743, 93.9487, -47.8746 by changing the saturation by 10% instead.


 48.8743, 93.9487,
-47.8746


 48.8743, 93.9487,
-47.8746


165.0014,
115.6423, -53.7004


 39.0521, 91.4000,
-47.3019

 70.6029, 99.1906,
-49.2715


 29.9925, 89.0942,
-46.9708


 82.4248, 101.7689,
-49.9960


 21.7675, 87.3812,
-47.1559

 94.8415, 104.2821,
-50.7037

 14.4724, 87.1419,
-48.5350

 107.8258,
106.7190, -51.3822

 8.1335, 92.7861,
-54.0982

 121.3539,
109.0743, -52.0244

0.0000, INF, -NF

0.0000, NaN, -NF

135.4047,

111.3463, -52.6261

0.0000, NaN, NaN

149.9595,
113.5352, -53.1851

■ 48.8743, 93.9487,
-47.8746

■ 48.8743, 93.9487,
-47.8746

■ 48.8743, 93.9482,
-47.8712

■ 49.6807, 91.9953,
-48.1701

■ 51.2854, 87.3344,
-46.7638

■ 53.8564, 79.7567,
-43.4470

■ 57.3973, 69.8039,
-38.4814

■ 61.8454, 58.2321,
-32.2910

■ 67.1042, 45.7537,
-25.3057

■ 73.0678, 32.9086,
-17.8722

■ 79.6356, 20.0461,
-10.2318

■ 86.7192, 7.3623,
-2.5349

Harmonies

Analogous

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



48.8755, 50.4156, -118.6215



48.8743, 93.9487, -47.8746



48.8755, 109.2373, 6.4604

Triad

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



48.8755, 93.9454, -47.8722



48.8755, -6.7077, 34.2129



48.8755, -54.1664, -61.5549

Complementary

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



48.8743, 93.9487, -47.8746



79.7342, -68.0560, 47.2546

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.



48.8755, -60.5123, -1.4714



48.8743, 93.9487, -47.8746



48.8755, -39.6690, 33.3107

Square

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



48.8755, 93.9454, -47.8722



48.8755, 40.6263, 33.7514



48.8755, -56.2956, 26.5222



48.8755, -34.6324, -130.2517

Rectangle

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



48.8743, 93.9487, -47.8746



48.8755, 98.2053, 24.3312



48.8755, -56.2956, 26.5222



48.8755, -57.5383, -38.5056

Sweetspot

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



48.8755, 93.9454, -47.8722



77.4735, 35.0643, -19.0490



25.7080, 68.9524, -176.6918



34.5672, 18.8976, -10.3736

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.8755, 93.9454, -47.8722



51.8630, 99.6870, -50.7501



44.4277, 78.0135, 13.7056



40.0020, 3.0875, -0.9841



35.8387, 68.9171, -35.3081



10.3757, 20.0135, -10.6964

Inverse Universe

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



48.8755, 93.9454, -47.8722



51.8630, 99.6870, -50.7501



80.9668, -60.3844, 29.1532



40.0020, 3.0875, -0.9841



35.8387, 68.9171, -35.3081



10.3757, 20.0135, -10.6964

Previews

White Background



This preview shows how the HunterLab color 48.8743, 93.9487, -47.8746 looks on a white background.

Color Contrast Check

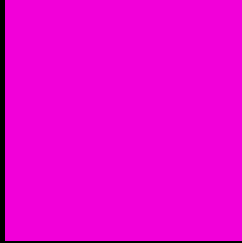
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8743, 93.9487, -47.8746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

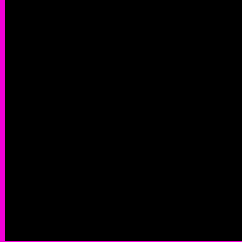
Any Text WCAG AA ✓ Pass

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 48.8743, 93.9487, -47.8746 Background



This preview shows how black text looks on a background with the HunterLab color 48.8743, 93.9487, -47.8746.



This preview shows how white text looks on a background with the HunterLab color 48.8743, 93.9487, -47.8746.

-47.8746.

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

48.8743, 93.9487, -47.8746

Protanopia

49.9157, 14.9790, -81.3551

Deuteranopia

49.6293, 4.0437, -37.5948



Tritanopia

49.0666, 51.5372, 19.1771

Trichromacy



Original Color

48.8743, 93.9487, -47.8746



Protanomaly

41.8531, 47.9131, -91.2615



Deuteranomaly

42.5782, 43.5547, -56.9986



Tritanomaly

46.8368, 69.5886, 0.1194

Monochromacy



Original Color

48.8743, 93.9487, -47.8746



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

34.4273, 38.8244, -21.5042

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8743, 93.9487, -47.8746 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, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 217)  
}
```

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, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8743, 93.9487, -47.8746 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, 0, 217) }
```


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

```
.border{ border-color:rgb(242, 0, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 0, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8743, 93.9487, -47.8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 217) }
```

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

```
.background{ background-color: rgb(242, 0,  
217) }
```

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