

Converting Colors

HunterLab(48.6351, 93.9416,
-51.1489)

Have a look what the booklet for
HunterLab(48.6351, 93.9416,
-51.1489) contains.

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Color

**HunterLab(48.6750, 93.9731,
-50.8378)**

Conversions

Conversions Part 1

Format	Color
Hex	F000DC
RGB	240, 0, 220
RGB Percent	94%, 0%, 86%
CMY	0.0588, 0.9998, 0.1373
CMYK	0.00, 1.00, 0.08, 0.06
HSL	305°, 100%, 47%
HSV	305°, 100%, 94%
XYZ	48.8534, 23.6926, 69.7084
YIQ	96.8400, 72.4200, 119.3000

Conversions

Conversions Part 2

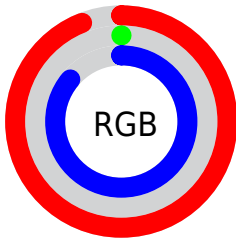
Format	Color
R _Y B	240, 0, 220
Decimal	15728860
CIE Lab	55.78, 91.12, -48.62
CIE LCh	56, 103.282, 331.920
Yxy	23.6937, 0.3434, 0.1666
Android (android.graphics.Color)	4293918940 (0xFFFF00DC)
YUV	96.8400, 60.7179, 125.5513
Hunter-Lab	48.6750, 93.9731, -50.8378

Details

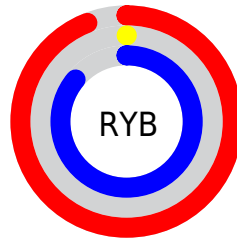
The HunterLab color **48.6750, 93.9731, -50.8378** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **78.9758, -67.4918, 46.9846**, and the grayscale version is **34.2852, -1.8294, 1.8628**.

A 20% lighter version of the original color is **61.4714, 78.1039, -52.0047**, and **35.0201, 67.6264, -36.6994** is the 20% darker color. If you saturate the color by 10%, you get **48.6750, 93.9728, -50.8350**, and if you desaturate by 10%, it is **49.4515, 91.9475, -50.7756**.

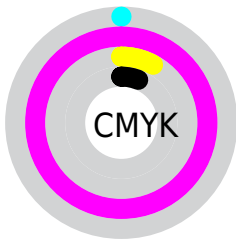
Distribution



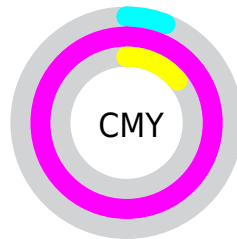
- Red (94%)
- Green (0%)
- Blue (86%)



- Red (94%)
- Yellow (0%)
- Blue (86%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6750, 93.9731, -50.8378 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 48.6750, 93.9731, -50.8378 by changing the saturation by 10% instead.

48.6750, 93.9731,
-50.8378

48.6750, 93.9731,
-50.8378

164.7023,
115.6882, -56.8841

38.8672, 91.4271,
-50.3070

70.3775, 99.2167,
-52.2270

29.8232, 89.1292,
-50.0669

82.1875, 101.7973,
-52.9688

21.6154, 87.4359,
-50.4343

94.5928, 104.3131,
-53.7019

14.3397, 87.2473,
-52.1899

107.5663,
106.7529, -54.4115

7.9991, 93.4407,
-58.9418

121.0839,
109.1112, -55.0887

0.0000, INF, -NF

0.0000, NaN, -NF

135.1247,

111.3862, -55.7283

0.0000, NaN, NaN

149.6698,
113.5782, -56.3273

■ 48.6750, 93.9731,
-50.8378

■ 48.6750, 93.9731,
-50.8378

■ 48.6750, 93.9728,
-50.8350

■ 49.4515, 91.9475,
-50.7756

■ 51.0145, 87.2460,
-48.9996

■ 53.5321, 79.6548,
-45.3112

■ 57.0094, 69.7065,
-39.9874

■ 61.3858, 58.1487,
-33.4651

■ 66.5669, 45.6893,
-26.1821

■ 72.4483, 32.8665,
-18.4884

■ 78.9306, 20.0298,
-10.6251

■ 85.9261, 7.3760,
-2.7401

Harmonies

Analogous

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



48.6762, 49.3003, -122.5997



48.6750, 93.9731, -50.8378



48.6762, 110.7018, 5.2120

Triad

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



48.6762, 93.9699, -50.8354



48.6762, -5.3394, 34.0733



48.6762, -54.7866, -60.0022

Complementary

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



48.6750, 93.9731, -50.8378



78.9758, -67.4918, 46.9846

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.



48.6762, -60.7471, -0.0602



48.6750, 93.9731, -50.8378



48.6762, -39.0639, 33.3489

Square

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



48.6762, 93.9699, -50.8354



48.6762, 42.7672, 33.6435



48.6762, -56.1874, 27.0396



48.6762, -35.7327, -130.4177

Rectangle

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



48.6750, 93.9731, -50.8378



48.6762, 100.3389, 23.8194



48.6762, -56.1874, 27.0396



48.6762, -58.0170, -36.8199

Sweetspot

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



48.6762, 93.9699, -50.8354



77.5347, 35.3682, -19.9027



25.3799, 68.2424, -175.7518



34.6005, 19.0599, -10.8363

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.6762, 93.9699, -50.8354



52.1401, 100.6565, -54.4078



44.0987, 77.6025, 12.3134



40.0092, 3.1258, -1.0858



36.0267, 69.5747, -37.7884



10.4231, 20.1790, -11.3198

Inverse Universe

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



48.6762, 93.9699, -50.8354



52.1401, 100.6565, -54.4078



80.1343, -60.2765, 29.9607



40.0092, 3.1258, -1.0858



36.0267, 69.5747, -37.7884



10.4231, 20.1790, -11.3198

Previews

White Background



This preview shows how the HunterLab color 48.6750, 93.9731, -50.8378 looks on a white background.

Color Contrast Check

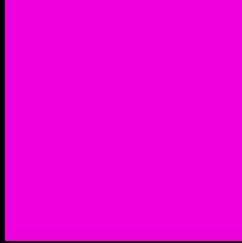
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6750, 93.9731, -50.8378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

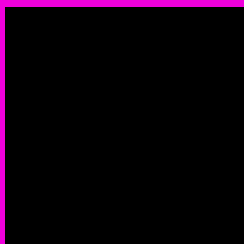
Any Text WCAG AA ✓ Pass

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 48.6750, 93.9731, -50.8378 Background



This preview shows how black text looks on a background with the HunterLab color 48.6750, 93.9731, -50.8378.



This preview shows how white text looks on a background with the HunterLab color 48.6750, 93.9731, -50.8378.

-50.8378.

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

48.6750, 93.9731, -50.8378

Protanopia

49.5746, 15.3090, -82.3329

Deuteranopia

49.4829, 3.8474, -40.1725



Tritanopia

48.9104, 50.3681, 18.7462

Trichromacy



Original Color

48.6750, 93.9731, -50.8378



Protanomaly

41.5505, 48.3194, -93.4199



Deuteranomaly

42.3002, 43.2403, -60.4828



Tritanomaly

46.6393, 68.8113, -1.1080

Monochromacy



Original Color

48.6750, 93.9731, -50.8378



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

34.3334, 38.6956, -22.3597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6750, 93.9731, -50.8378 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(240, 0, 220)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 220)  
}
```

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(240, 0, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6750, 93.9731, -50.8378 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(240, 0, 220) }
```


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

```
.border{ border-color:rgb(240, 0, 220) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 220);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6750, 93.9731, -50.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 220) }
```

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

```
.background{ background-color: rgb(240, 0,  
220) }
```

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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