

Converting Colors

HunterLab(50.0605, 96.1625,
-48.5223)

Have a look what the booklet for
HunterLab(50.0605, 96.1625,
-48.5223) contains.

HunterLab(49.9946, 96.0590, -48.6372)	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(49.9946, 96.0590,
-48.6372)**

Conversions

Conversions Part 1

Format	Color
Hex	F700DD
RGB	247, 0, 221
RGB Percent	97%, 0%, 87%
CMY	0.0314, 0.9998, 0.1333
CMYK	0.00, 1.00, 0.11, 0.03
HSL	306°, 100%, 48%
HSV	306°, 100%, 97%
XYZ	51.4089, 24.9946, 70.5215
YIQ	99.0470, 76.2710, 121.0950

Conversions

Conversions Part 2

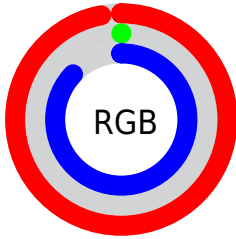
Format	Color
R _{YB}	247, 0, 221
Decimal	16187613
CIE _{Lab}	57.07, 92.42, -47.06
CIE _{LCh}	57, 103.713, 333.017
Yxy	24.9958, 0.3499, 0.1701
Android (android.graphics.Color)	4294377693 (0xFFFF700DD)
YUV	99.0470, 60.1228, 129.7548
Hunter-Lab	49.9946, 96.0590, -48.6372

Details

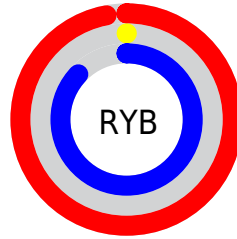
The HunterLab color $49.9946, 96.0590, -48.6372$ is a light color, and the websafe version is hex $FF00CC$. The color can be described as light saturated magenta. A complement of this color would be $81.6071, -69.6499, 48.3545$, and the grayscale version is $35.1125, -1.8735, 1.9077$.

A 20% lighter version of the original color is $61.6301, 77.6309, -51.6802$, and $36.2708, 69.6044, -34.6206$ is the 20% darker color. If you saturate the color by 10%, you get $49.9945, 96.0584, -48.6335$, and if you desaturate by 10%, it is $50.8124, 94.1043, -48.9982$.

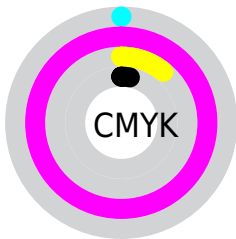
Distribution



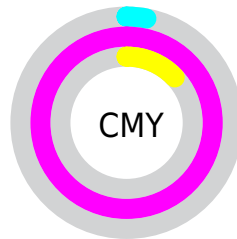
- Red (97%)
- Green (0%)
- Blue (87%)



- Red (97%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9946, 96.0590, -48.6372 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 49.9946, 96.0590, -48.6372 by changing the saturation by 10% instead.

49.9946, 96.0590,
-48.6372

49.9946, 96.0590,
-48.6372

166.6785,
117.9575, -54.5018

40.0923, 93.4898,
-48.0551

71.8683, 101.3402,
-50.0437

30.9459, 91.1576,
-47.7051

83.7568, 103.9396,
-50.7719

22.6254, 89.3963,
-47.8461

96.2370, 106.4749,
-51.4832

15.2227, 89.0311,
-49.1051

109.2820,
108.9349, -52.1656

8.8479, 92.8692,
-53.5237

122.8683,
111.3142, -52.8118

0.0000, INF, -NF

0.0000, NaN, -NF

136.9753,

113.6109, -53.4179

0.0000, NaN, NaN

151.5842,
115.8249, -53.9816

■ 49.9946, 96.0590,
-48.6372

■ 49.9946, 96.0590,
-48.6372

■ 49.9945, 96.0584,
-48.6335

■ 50.8124, 94.1043,
-48.9982

■ 52.4506, 89.3652,
-47.6134

■ 55.0797, 81.6318,
-44.2703

■ 58.7039, 71.4576,
-39.2334

■ 63.2592, 59.6183,
-32.9362

■ 68.6465, 46.8462,
-25.8188

■ 74.7567, 33.6960,
-18.2370

■ 81.4868, 20.5267,
-10.4389

■ 88.7460, 7.5398,
-2.5792

Harmonies

Analogous

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



49.9958, 51.6696, -120.8665



49.9946, 96.0590, -48.6372



49.9958, 111.5372, 6.7379

Triad

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



49.9958, 96.0556, -48.6348



49.9958, -7.0049, 34.9971



49.9958, -55.3168, -63.1071

Complementary

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



49.9946, 96.0590, -48.6372



81.6071, -69.6499, 48.3545

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.



49.9958, -61.8474, -1.6587



49.9946, 96.0590, -48.6372



49.9958, -40.6260, 34.0490

Square

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



49.9958, 96.0556, -48.6348



49.9958, 41.3112, 34.5016



49.9958, -57.5731, 27.0608



49.9958, -35.2916, -133.1635

Rectangle

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



49.9946, 96.0590, -48.6372



49.9958, 100.1858, 24.9327



49.9958, -57.5731, 27.0608



49.9958, -58.7799, -39.5542

Sweetspot

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



49.9958, 96.0556, -48.6348



77.4675, 35.0346, -18.9657



26.3057, 70.5670, -180.8888



34.5640, 18.8818, -10.3285

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9958, 96.0556, -48.6348



51.8362, 99.5931, -50.3952



45.4675, 79.8327, 14.0773



40.9102, 3.1665, -1.0039



36.3749, 69.9175, -35.5983



10.8230, 20.8653, -11.0719

Inverse Universe

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



49.9958, 96.0556, -48.6348



51.8362, 99.5931, -50.3952



82.8659, -61.8152, 29.8681



40.9102, 3.1665, -1.0039



36.3749, 69.9175, -35.5983



10.8230, 20.8653, -11.0719

Previews

White Background



This preview shows how the HunterLab color 49.9946, 96.0590, -48.6372 looks on a white background.

Color Contrast Check

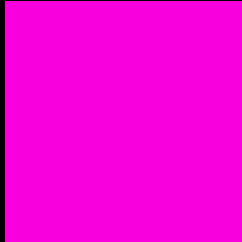
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9946, 96.0590, -48.6372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

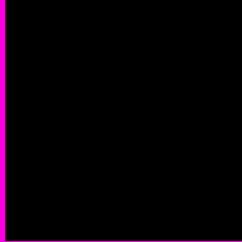
Any Text WCAG AA ✓ Pass

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 49.9946, 96.0590, -48.6372 Background



This preview shows how black text looks on a background with the HunterLab color 49.9946, 96.0590, -48.6372.



This preview shows how white text looks on a background with the HunterLab color 49.9946, 96.0590,

-48.6372.

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

49.9946, 96.0590, -48.6372

Protanopia

50.9939, 14.1560, -78.3292

Deuteranopia

50.4584, 4.2123, -38.1977



Tritanopia

50.2506, 52.7315, 19.9408

Trichromacy



Original Color

49.9946, 96.0590, -48.6372



Protanomaly

42.9477, 48.7884, -89.7414



Deuteranomaly

43.2874, 44.6419, -57.8590



Tritanomaly

47.9032, 71.2676, 0.5331

Monochromacy



Original Color

49.9946, 96.0590, -48.6372



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

35.0863, 39.6984, -21.5980

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9946, 96.0590, -48.6372 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(247, 0, 221)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 221)  
}
```

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(247, 0, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9946, 96.0590, -48.6372 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(247, 0, 221) }
```


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

```
.border{ border-color:rgb(247, 0, 221) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 221);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9946, 96.0590, -48.6372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 221) }
```

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

```
.background{ background-color: rgb(247, 0,  
221) }
```

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