

Converting Colors

HunterLab(49.6537, 97.4832,
-64.4237)

Have a look what the booklet for
HunterLab(49.6537, 97.4832,
-64.4237) contains.

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Color

**HunterLab(49.6974, 97.5292,
-64.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	F000EE
RGB	240, 0, 238
RGB Percent	94%, 0%, 93%
CMY	0.0588, 0.9998, 0.0667
CMYK	0.00, 1.00, 0.01, 0.06
HSL	301°, 100%, 47%
HSV	301°, 100%, 94%
XYZ	51.3678, 24.6983, 82.9488
YIQ	98.8920, 66.6420, 124.8980

Conversions

Conversions Part 2

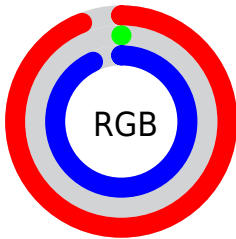
Format	Color
R _Y B	240, 0, 238
Decimal	15728878
CIE Lab	56.78, 93.56, -57.18
CIE LCh	57, 109.652, 328.571
Yxy	24.6995, 0.3230, 0.1553
Android (android.graphics.Color)	4293918958 (0xFFFF00EE)
YUV	98.8920, 68.5802, 123.7517
Hunter-Lab	49.6974, 97.5292, -64.1714

Details

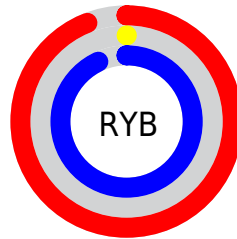
The HunterLab color **49.6974, 97.5292, -64.1714** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **78.9467, -67.6757, 47.4178**, and the grayscale version is **35.0248, -1.8688, 1.9030**.

A 20% lighter version of the original color is **61.6301, 77.6309, -51.6802**, and **35.9443, 70.8369, -48.7208** is the 20% darker color. If you saturate the color by 10%, you get **49.6977, 97.5296, -64.1708**, and if you desaturate by 10%, it is **50.3640, 95.1878, -62.7064**.

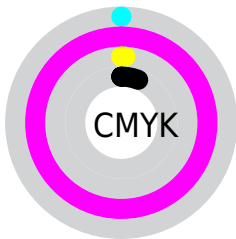
Distribution



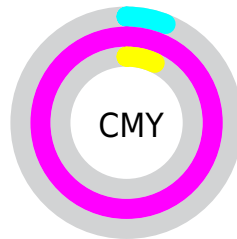
- Red (94%)
- Green (0%)
- Blue (93%)



- Red (94%)
- Yellow (0%)
- Blue (93%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6974, 97.5292, -64.1714 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 49.6974, 97.5292, -64.1714 by changing the saturation by 10% instead.

49.6974, 97.5292,
-64.1714

49.6974, 97.5292,
-64.1714

166.2342,
119.6623, -70.8085

39.8162, 94.9610,
-63.8686

71.5327, 102.8427,
-65.4301

30.6927, 92.6516,
-64.0565

83.4036, 105.4661,
-66.2010

22.3973, 90.9568,
-65.2032

95.8671, 108.0284,
-67.0012

15.0229, 90.7566,
-68.4307

108.8960,
110.5171, -67.8051

8.6646, 95.2947,
-77.5099

122.4670,
112.9263, -68.5964

0.0000, INF, -NF

0.0000, NaN, -NF

136.5591,

115.2535, -69.3649

0.0000, NaN, NaN

151.1537,
117.4985, -70.1037

■ 49.6974, 97.5292,
-64.1714

■ 49.6974, 97.5292,
-64.1714

■ 49.6977, 97.5296,
-64.1708

■ 50.3640, 95.1878,
-62.7064

■ 51.8067, 90.1783,
-59.4249

■ 54.1977, 82.2676,
-54.1596

■ 57.5490, 71.9699,
-47.2517

■ 61.8064, 60.0308,
-39.2017

■ 66.8792, 47.1707,
-30.4965

■ 72.6648, 33.9460,
-21.5147

■ 79.0636, 20.7224,
-12.5067

■ 85.9872, 7.7072,
-3.6166

Harmonies

Analogous

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



49.6986, 47.0921, -142.3429



49.6974, 97.5292, -64.1714



49.6986, 120.2140, 0.5621

Triad

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



49.6986, 97.5265, -64.1688



49.6986, -0.4306, 34.7890



49.6986, -58.9060, -56.6701

Complementary

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



49.6974, 97.5292, -64.1714



78.9467, -67.6757, 47.4178

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.



49.6986, -63.7545, 4.7570



49.6974, 97.5292, -64.1714



49.6986, -38.2643, 34.6555

Square

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



49.6986, 97.5265, -64.1688



49.6986, 52.3613, 34.4275



49.6986, -57.8338, 29.6137



49.6986, -40.8651, -135.8724

Rectangle

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



49.6974, 97.5292, -64.1714



49.6986, 111.9919, 22.7286



49.6986, -57.8338, 29.6137



49.6986, -61.7632, -32.2274

Sweetspot

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



49.6986, 97.5265, -64.1688



77.7683, 36.5277, -23.1585



25.0848, 68.0292, -178.2037



34.7280, 19.6801, -12.6044

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6986, 97.5265, -64.1688



53.2389, 104.4785, -68.7385



44.5903, 79.3995, 5.2305



40.0363, 3.2705, -1.4696



36.7713, 72.1643, -47.4969



10.6093, 20.8261, -13.7440

Inverse Universe

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



49.6986, 97.5265, -64.1688



53.2389, 104.4785, -68.7385



79.7984, -62.3574, 34.8723



40.0363, 3.2705, -1.4696



36.7713, 72.1643, -47.4969



10.6093, 20.8261, -13.7440

Previews

White Background



This preview shows how the HunterLab color 49.6974, 97.5292, -64.1714 looks on a white background.

Color Contrast Check

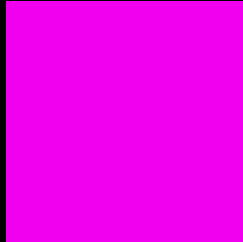
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6974, 97.5292, -64.1714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

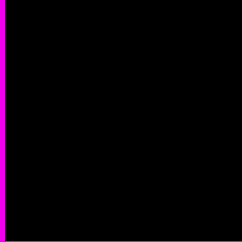
Any Text WCAG AA ✓ Pass

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 49.6974, 97.5292, -64.1714 Background



This preview shows how black text looks on a background with the HunterLab color 49.6974, 97.5292, -64.1714.



This preview shows how white text looks on a background with the HunterLab color 49.6974, 97.5292, -64.1714.

-64.1714.

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

49.6974, 97.5292, -64.1714

Protanopia

50.6061, 14.3417, -79.4079

Deuteranopia

50.4416, 4.4393, -51.7320



Tritanopia

49.7558, 46.6199, 17.1085

Trichromacy



Original Color

49.6974, 97.5292, -64.1714



Protanomaly

42.7108, 50.0623, -97.2172



Deuteranomaly

42.7777, 44.5506, -75.6033



Tritanomaly

47.0669, 68.2022, -6.1511

Monochromacy



Original Color

49.6974, 97.5292, -64.1714



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

34.9872, 40.0964, -26.6359

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6974, 97.5292, -64.1714 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 238) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6974, 97.5292, -64.1714 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, 238) }
```


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

```
.border{ border-color:rgb(240, 0, 238) }
```

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, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
238) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6974, 97.5292, -64.1714 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, 238) }
```

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

```
.background{ background-color: rgb(240, 0,  
238) }
```

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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