

Converting Colors

HunterLab(49.1355, 96.5860,
-64.6823)

Have a look what the booklet for
HunterLab(49.1355, 96.5860,
-64.6823) contains.

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Color

**HunterLab(49.1110, 96.5540,
-64.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	ED00ED
RGB	237, 0, 237
RGB Percent	93%, 0%, 93%
CMY	0.0706, 0.9999, 0.0706
CMYK	0.00, 1.00, 0.00, 0.07
HSL	300°, 100%, 46%
HSV	300°, 100%, 93%
XYZ	50.2110, 24.1189, 82.1297
YIQ	97.8810, 65.1750, 123.9510

Conversions

Conversions Part 2

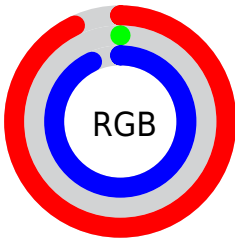
Format	Color
R _Y B	237, 0, 237
Decimal	15532269
CIE Lab	56.21, 92.96, -57.56
CIE LCh	56, 109.336, 328.233
Yxy	24.1200, 0.3209, 0.1542
Android (android.graphics.Color)	4293722349 (0xFFED00ED)
YUV	97.8810, 68.5857, 122.0074
Hunter-Lab	49.1110, 96.5540, -64.7746

Details

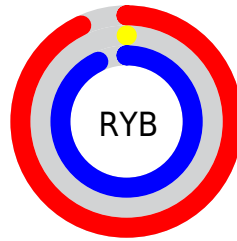
The HunterLab color **49.1110, 96.5540, -64.7746** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **77.8264, -66.7350, 46.7871**, and the grayscale version is **34.6463, -1.8486, 1.8824**.

A 20% lighter version of the original color is **61.4714, 78.1039, -52.0047**, and **35.3912, 69.9193, -49.3064** is the 20% darker color. If you saturate the color by 10%, you get **49.1113, 96.5544, -64.7742**, and if you desaturate by 10%, it is **49.7612, 94.1864, -63.1521**.

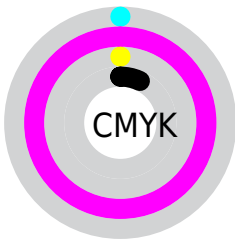
Distribution



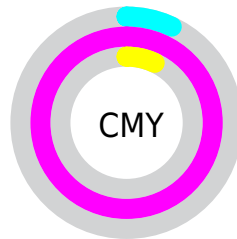
- Red (93%)
- Green (0%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1110, 96.5540, -64.7746 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 49.1110, 96.5540, -64.7746 by changing the saturation by 10% instead.

49.1110, 96.5540,
-64.7746

49.1110, 96.5540,
-64.7746

165.3562,
118.6006, -71.4107

39.2717, 93.9964,
-64.5078

70.8703, 101.8499,
-66.0044

30.1937, 91.7024,
-64.7619

82.7064, 104.4645,
-66.7719

21.9483, 90.0381,
-66.0365

95.1366, 107.0176,
-67.5727

14.6303, 89.9174,
-69.5406

108.1337,
109.4967, -68.3799

8.2900, 95.4664,
-79.9196

121.6742,
111.8960, -69.1765

0.0000, INF, -NF

0.0000, NaN, -NF

135.7369,

114.2130, -69.9515

0.0000, NaN, NaN

150.3032,
116.4475, -70.6977

■ 49.1110, 96.5540,
-64.7746

■ 49.1110, 96.5540,
-64.7746

■ 49.1113, 96.5544,
-64.7742

■ 49.7612, 94.1864,
-63.1521

■ 51.1737, 89.1976,
-59.7342

■ 53.5194, 81.3533,
-54.3575

■ 56.8107, 71.1593,
-47.3658

■ 60.9945, 59.3492,
-39.2590

■ 65.9820, 46.6327,
-30.5213

■ 71.6724, 33.5587,
-21.5278

■ 77.9678, 20.4883,
-12.5258

■ 84.7811, 7.6265,
-3.6563

Harmonies

Analogous

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



49.1121, 46.2020, -142.5537



49.1110, 96.5540, -64.7746



49.1121, 119.5724, 0.0266

Triad

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



49.1121, 96.5514, -64.7721



49.1121, 0.1146, 34.3785



49.1121, -58.5143, -55.5324

Complementary

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



49.1110, 96.5540, -64.7746



77.8264, -66.7350, 46.7871

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.



49.1121, -63.1822, 5.1804



49.1110, 96.5540, -64.7746



49.1121, -37.6422, 34.3294

Square

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



49.1121, 96.5514, -64.7721



49.1121, 52.6846, 34.0448



49.1121, -57.2026, 29.4513



49.1121, -40.8307, -134.5714

Rectangle

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



49.1110, 96.5540, -64.7746



49.1121, 111.7031, 22.2852



49.1121, -57.2026, 29.4513



49.1121, -61.2936, -31.3014

Sweetspot

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



49.1121, 96.5514, -64.7721



77.7947, 36.6583, -23.5251



24.7297, 67.0665, -175.6818



34.7424, 19.7501, -12.8038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1121, 96.5514, -64.7721



53.3666, 104.9204, -70.3865



43.9613, 78.2838, 5.1245



39.1329, 3.1991, -1.4693



36.2878, 71.3429, -47.8609



10.1686, 19.9918, -13.4117

Inverse Universe

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



49.1121, 96.5514, -64.7721



53.3666, 104.9204, -70.3865



78.6701, -61.4670, 34.3605



39.1329, 3.1991, -1.4693



36.2878, 71.3429, -47.8609



10.1686, 19.9918, -13.4117

Previews

White Background



This preview shows how the HunterLab color 49.1110, 96.5540, -64.7746 looks on a white background.

Color Contrast Check

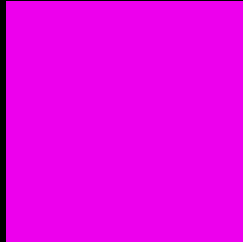
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1110, 96.5540, -64.7746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

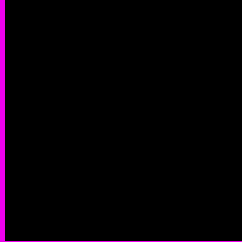
Any Text WCAG AA ✓ Pass

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 49.1110, 96.5540, -64.7746 Background



This preview shows how black text looks on a background with the HunterLab color 49.1110, 96.5540, -64.7746.



This preview shows how white text looks on a background with the HunterLab color 49.1110, 96.5540, -64.7746.

-64.7746.

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

49.1110, 96.5540, -64.7746

Protanopia

49.9157, 14.9790, -81.3551

Deuteranopia

49.9684, 4.2135, -51.9715



Tritanopia

49.2536, 45.3274, 16.9336

Trichromacy



Original Color

49.1110, 96.5540, -64.7746



Protanomaly

42.1724, 49.6509, -97.9978



Deuteranomaly

42.2150, 44.0651, -76.3027



Tritanomaly

46.5067, 67.0245, -6.4187

Monochromacy



Original Color

49.1110, 96.5540, -64.7746



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

34.6479, 40.0427, -26.6055

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1110, 96.5540, -64.7746 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(237, 0, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 237)  
}
```

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(237, 0, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1110, 96.5540, -64.7746 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(237, 0, 237) }
```


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

```
.border{ border-color:rgb(237, 0, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 0, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1110, 96.5540, -64.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 237) }
```

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

```
.background{ background-color: rgb(237, 0,  
237) }
```

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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