

Converting Colors

HunterLab(21.8938, 42.8168,
-27.1164)

Have a look what the booklet for
HunterLab(21.8938, 42.8168,
-27.1164) contains.

HunterLab(21.9424, 42.9083, -27.1487)	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(21.9424, 42.9083,
-27.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	730070
RGB	115, 0, 112
RGB Percent	45%, 0%, 44%
CMY	0.5490, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.03, 0.55
HSL	302°, 100%, 23%
HSV	302°, 100%, 45%
XYZ	9.9949, 4.8147, 15.7318
YIQ	47.1530, 32.5880, 59.2120

Conversions

Conversions Part 2

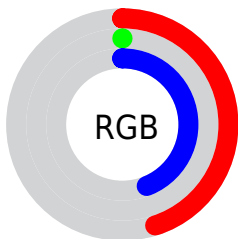
Format	Color
R_{YB}	115, 0, 112
Decimal	7536752
CIE _{Lab}	26.20, 54.10, -32.19
CIE _{LCh}	26, 62.954, 329.251
Yxy	4.8149, 0.3273, 0.1576
Android (android.graphics.Color)	4285726832 (0xFF730070)
YUV	47.1530, 31.9696, 59.5018
Hunter-Lab	21.9424, 42.9083, -27.1487

Details

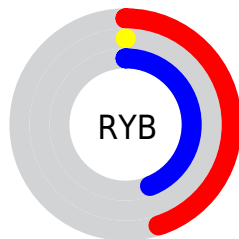
The HunterLab color **21.9424, 42.9083, -27.1487** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **35.0261, -29.9673, 20.9120**, and the grayscale version is **16.8020, -0.8965, 0.9129**.

A 20% lighter version of the original color is **39.1926, 46.8472, -28.1615**, and **11.7602, 23.1912, -16.0562** is the 20% darker color. If you saturate the color by 10%, you get **21.9425, 42.9085, -27.1484**, and if you desaturate by 10%, it is **22.5225, 40.9280, -25.9903**.

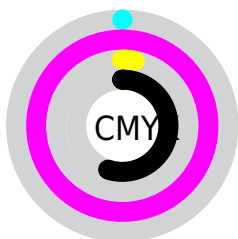
Distribution



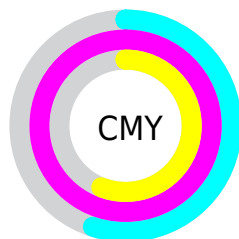
- Red (45%)
- Green (0%)
- Blue (44%)



- Red (45%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9424, 42.9083, -27.1487 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 21.9424, 42.9083, -27.1487 by changing the saturation by 10% instead.

■ 21.9424, 42.9083,
-27.1487

■ 21.9424, 42.9083,
-27.1487

■ 121.6646, 58.0561,
-31.5709

■ 14.6256, 41.0171,
-26.9858

■ 39.2651, 46.9182,
-28.2215

■ 8.2853, 40.5642,
-28.2761

■ 49.1051, 48.8195,
-28.8228

0.0000, INF, -NF

0.0000, NaN, -NF

■ 59.6523, 50.6159,
-29.4002

0.0000, NaN, NaN

■ 70.8623, 52.3043,
-29.9364

0.0000, NaN, NaN

■ 82.6979, 53.8875,
-30.4236

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.1277, 55.3702,

-30.8587

0.0000, NaN, NaN

108.1245, 56.7579,
-31.2409

21.9424, 42.9083,
-27.1487

21.9424, 42.9083,
-27.1487

21.9425, 42.9085,
-27.1484

22.5225, 40.9280,
-25.9903

23.3265, 38.2648,
-24.3662

24.5117, 34.5294,
-22.0095

26.0697, 29.9663,
-19.0767

27.9736, 24.8593,
-15.7540

■ 30.1870, 19.4603,
-12.2090

■ 32.6714, 13.9565,
-8.5682

■ 35.3903, 8.4695,
-4.9156

■ 38.3117, 3.0686,
-1.3004

Harmonies

Analogous

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



21.9429, 21.0894, -61.1983



21.9424, 42.9083, -27.1487



21.9429, 52.3956, 0.7083

Triad

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



21.9429, 42.9071, -27.1476



21.9429, -0.6645, 15.3600



21.9429, -25.7378, -25.4391

Complementary

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



21.9424, 42.9083, -27.1487



35.0261, -29.9673, 20.9120

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.



21.9429, -27.9894, 1.6696



21.9424, 42.9083, -27.1487



21.9429, -17.0452, 15.3600

Square

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



21.9429, 42.9071, -27.1476



21.9429, 22.2935, 15.3600



21.9429, -25.4900, 12.9067



21.9429, -17.6437, -59.7277

Rectangle

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



21.9424, 42.9083, -27.1487



21.9429, 48.5414, 10.1881



21.9429, -25.4900, 12.9067



21.9429, -27.0390, -14.7160

Sweetspot

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



21.9429, 42.9071, -27.1476



43.4429, 19.2628, -11.8550



11.1822, 30.2150, -78.5812



20.6618, 10.6134, -6.5888



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



21.9429, 42.9071, -27.1476



29.3573, 57.3999, -36.2595



19.8156, 35.3531, 1.7921



19.3813, 1.2893, -0.4841



23.4600, 45.8743, -29.0133



51.7683, 101.1987, -63.7875

Inverse Universe

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



21.9429, 42.9071, -27.1476



29.3573, 57.3999, -36.2595



35.4709, -27.1937, 14.3687



19.3813, 1.2893, -0.4841



23.4600, 45.8743, -29.0133



51.7683, 101.1987, -63.7875

Previews

White Background



This preview shows how the HunterLab color 21.9424, 42.9083, -27.1487 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 21.9424, 42.9083, -27.1487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

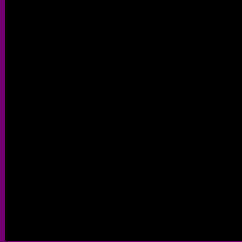
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 21.9424, 42.9083, -27.1487 Background



This preview shows how black text looks on a background with the HunterLab color 21.9424, 42.9083, -27.1487.



This preview shows how white text looks on a background with the HunterLab color 21.9424, 42.9083, -27.1487.

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

21.9424, 42.9083, -27.1487

Protanopia

22.9701, 7.0545, -43.9391

Deuteranopia

23.2564, 1.1538, -19.7212



Tritanopia

22.7920, 19.6202, 7.3919

Trichromacy



Original Color

21.9424, 42.9083, -27.1487

Protanomaly

18.7515, 19.3459, -50.5181

Deuteranomaly

20.0096, 18.4091, -29.3861

Tritanomaly

21.5985, 29.2120, -2.5439

Monochromacy



Original Color

21.9424, 42.9083, -27.1487

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.6168, 16.8333, -10.7362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9424, 42.9083, -27.1487 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(115, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(115, 0, 112)  
}
```

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(115, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9424, 42.9083, -27.1487 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(115, 0, 112) }
```


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

```
.border{ border-color:rgb(115, 0, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 0, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(115, 0,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.9424, 42.9083, -27.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 112) }
```

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

```
.background{ background-color: rgb(115, 0,  
112) }
```

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