

Converting Colors

HunterLab(14.3652, 28.1279,
-18.0527)

Have a look what the booklet for
HunterLab(14.3652, 28.1279,
-18.0527) contains.

HunterLab(14.4422, 28.2501, -17.9337)	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(14.4422, 28.2501,
-17.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	4D004B
RGB	77, 0, 75
RGB Percent	30%, 0%, 29%
CMY	0.6980, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.03, 0.70
HSL	302°, 100%, 15%
HSV	302°, 100%, 30%
XYZ	4.3306, 2.0858, 6.8309
YIQ	31.5730, 21.8170, 39.6490

Conversions

Conversions Part 2

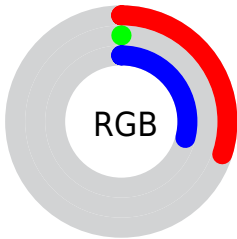
Format	Color
RYB	77, 0, 75
Decimal	5046347
CIELab	15.93, 40.95, -24.42
CIElCh	16, 47.674, 329.194
Yxy	2.0859, 0.3269, 0.1575
Android (android.graphics.Color)	4283236427 (0xFF4D004B)
YUV	31.5730, 21.4095, 39.8395
Hunter-Lab	14.4422, 28.2501, -17.9337

Details

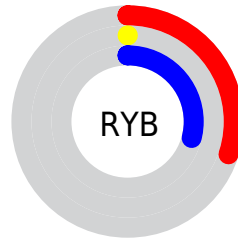
The HunterLab color **14.4422, 28.2501, -17.9337** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.0483, -19.6956, 13.7094**, and the grayscale version is **11.8155, -0.6304, 0.6420**.

A 20% lighter version of the original color is **29.9177, 31.8026, -18.7980**, and **6.0012, 11.9256, -8.9007** is the 20% darker color. If you saturate the color by 10%, you get **14.4423, 28.2502, -17.9335**, and if you desaturate by 10%, it is **15.0192, 26.2598, -16.7052**.

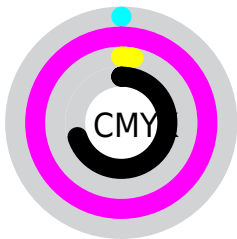
Distribution



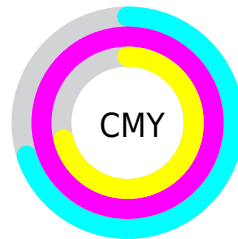
- Red (30%)
- Green (0%)
- Blue (29%)



- Red (30%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (70%)













- Cyan (70%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.4422, 28.2501, -17.9337 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 14.4422, 28.2501, -17.9337 by changing the saturation by 10% instead.

 14.4422, 28.2501, -17.9337	 14.4422, 28.2501, -17.9337
 107.7674, 40.3949, -21.2981	 8.1035, 27.4695, -18.3244
 29.9544, 31.7024, -18.8947	0.0000, INF, -NF
 39.0105, 33.2836, -19.4033	0.0000, NaN, -NF
 48.8306, 34.7410, -19.8659	0.0000, NaN, NaN
 59.3595, 36.0790, -20.2712	0.0000, NaN, NaN
 70.5521, 37.3053, -20.6161	0.0000, NaN, NaN
 82.3713, 38.4283,	0.0000, NaN, NaN

-20.9009

■ 94.7855, 39.4557,
-21.1275

■ 14.4422, 28.2501,
-17.9337

■ 14.4422, 28.2501,
-17.9337

■ 14.4423, 28.2502,
-17.9335

■ 15.0192, 26.2598,
-16.7052

■ 15.6347, 24.2540,
-15.4577

■ 16.4650, 21.7028,
-13.8343

■ 17.5116, 18.7209,
-11.9086

■ 18.7570, 15.4659,
-9.7844

■ 20.1800, 12.0702,
-7.5502

■ 21.7590, 8.6304,
-5.2716

■ 23.4740, 5.2088,
-2.9919

■ 25.3071, 1.8412,
-0.7366

Harmonies

Analogous

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



14.4425, 13.8643, -40.3703



14.4422, 28.2501, -17.9337



14.4425, 34.5236, 0.4411

Triad

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



14.4425, 28.2493, -17.9330



14.4425, -0.4113, 10.1098



14.4425, -17.1124, -16.7205

Complementary

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



14.4422, 28.2501, -17.9337



23.0483, -19.6956, 13.7094

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.



14.4425, -18.9381, 1.1229



14.4422, 28.2501, -17.9337



14.4425, -11.2106, 10.1098

Square

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



14.4425, 28.2493, -17.9330



14.4425, 14.7186, 10.1098



14.4425, -16.9100, 9.2337



14.4425, -11.6350, -39.3264

Rectangle

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



14.4422, 28.2501, -17.9337



14.4425, 31.9991, 6.7245



14.4425, -16.9100, 9.2337



14.4425, -18.1400, -9.6589

Sweetspot

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



14.4425, 28.2493, -17.9330



28.1159, 11.7302, -7.1910



7.3770, 19.8941, -51.5368



14.1650, 6.5415, -4.0368



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



14.4425, 28.2493, -17.9330



18.8113, 36.7895, -23.3065



13.0875, 23.4424, 0.4639



13.1387, 0.7161, -0.2240



19.3193, 37.7824, -23.9311



47.0076, 91.8971, -57.9583

Inverse Universe

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



14.4425, 28.2493, -17.9330



18.8113, 36.7895, -23.3065



23.3657, -17.7174, 9.0422



13.1387, 0.7161, -0.2240



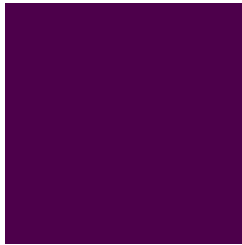
19.3193, 37.7824, -23.9311



47.0076, 91.8971, -57.9583

Previews

White Background



This preview shows how the HunterLab color 14.4422, 28.2501, -17.9337 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

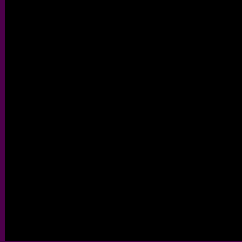
Any Text WCAG AA × Fail

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 14.4422, 28.2501, -17.9337 Background



This preview shows how black text looks on a background with the HunterLab color 14.4422, 28.2501, -17.9337.



This preview shows how white text looks on a background with the HunterLab color 14.4422, 28.2501, -17.9337.

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

14.4422, 28.2501, -17.9337

Protanopia

15.4729, 3.7638, -27.4648

Deuteranopia

15.7811, 0.4915, -12.0366



Tritanopia

15.3472, 12.2121, 4.6627

Trichromacy



Original Color

14.4422, 28.2501, -17.9337

Protanomaly

12.9870, 11.7786, -31.0273

Deuteranomaly

13.7085, 11.3191, -17.8712

Tritanomaly

14.4696, 18.5141, -1.7794

Monochromacy



Original Color

14.4422, 28.2501, -17.9337

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.5849, 10.5823, -6.9874

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.4422, 28.2501, -17.9337 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(77, 0, 75)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 75)  
}
```

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(77, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 14.4422, 28.2501, -17.9337 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(77, 0, 75) }
```


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

```
.border{ border-color:rgb(77, 0, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 75); box-shadow:4px  
4px 4px 4px rgb(77, 0, 75) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.4422, 28.2501, -17.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 75) }
```

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

```
.background{ background-color: rgb(77, 0,  
75) }
```

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