

Converting Colors

HunterLab(21.5220, 42.3123,
-28.3807)

Have a look what the booklet for
HunterLab(21.5220, 42.3123,
-28.3807) contains.

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Color

**HunterLab(21.4816, 42.2336,
-28.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	700070
RGB	112, 0, 112
RGB Percent	44%, 0%, 44%
CMY	0.5608, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.00, 0.56
HSL	300°, 100%, 22%
HSV	300°, 100%, 44%
XYZ	9.6067, 4.6146, 15.7136
YIQ	46.2560, 30.8000, 58.5760

Conversions

Conversions Part 2

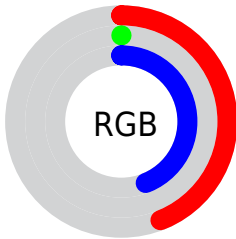
Format	Color
R_{YB}	112, 0, 112
Decimal	7340144
CIE Lab	25.61, 53.56, -33.17
CIE LCh	26, 63.002, 328.233
Yxy	4.6148, 0.3209, 0.1542
Android (android.graphics.Color)	4285530224 (0xFF700070)
YUV	46.2560, 32.4118, 57.6575
Hunter-Lab	21.4816, 42.2336, -28.3330

Details

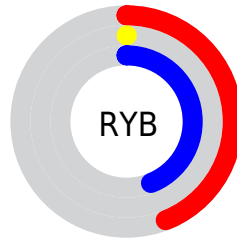
The HunterLab color **21.4816, 42.2336, -28.3330** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34.0420, -29.1905, 20.4651**, and the grayscale version is **16.5041, -0.8806, 0.8967**.

A 20% lighter version of the original color is **38.6136, 46.3500, -29.3236**, and **11.4871, 22.7962, -16.7949** is the 20% darker color. If you saturate the color by 10%, you get **21.4817, 42.2338, -28.3328**, and if you desaturate by 10%, it is **22.0426, 40.2094, -26.9461**.

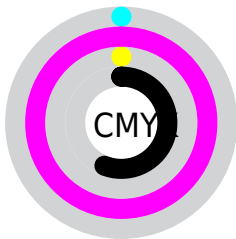
Distribution



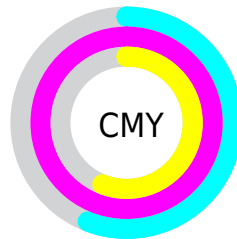
- Red (44%)
- Green (0%)
- Blue (44%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4816, 42.2336, -28.3330 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 21.4816, 42.2336, -28.3330 by changing the saturation by 10% instead.

21.4816, 42.2336,
-28.3330

21.4816, 42.2336,
-28.3330

120.8470, 57.2801,
-32.8783

14.2235, 40.3591,
-28.2667

38.7051, 46.2233,
-29.3706

7.8793, 40.5968,
-30.2549

48.5014, 48.1143,
-29.9824

0.0000, INF, -NF

59.0081, 49.8997,
-30.5780

0.0000, NaN, -NF

70.1798, 51.5768,
-31.1367

0.0000, NaN, NaN

81.9793, 53.1482,
-31.6490

0.0000, NaN, NaN

94.3747, 54.6188,

0.0000, NaN, NaN

0.0000, NaN, NaN

-32.1106

0.0000, NaN, NaN

107.3385, 55.9942,
-32.5204

21.4816, 42.2336,
-28.3330

21.4816, 42.2336,
-28.3330

21.4817, 42.2338,
-28.3328

22.0426, 40.2094,
-26.9461

22.8126, 37.5540,
-25.1264

23.9508, 33.8639,
-22.5965

25.4495, 29.3750,
-19.5169

27.2832, 24.3616,
-16.0745

■ 29.4172, 19.0674,
-12.4357

■ 31.8144, 13.6744,
-8.7249

■ 34.4398, 8.3010,
-5.0235

■ 37.2623, 3.0151,
-1.3779

Harmonies

Analogous

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



21.4821, 20.2092, -62.3543



21.4816, 42.2336, -28.3330



21.4821, 52.3021, 0.0116

Triad

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



21.4821, 42.2324, -28.3319



21.4821, 0.0501, 15.0375



21.4821, -25.5947, -24.2904

Complementary

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



21.4816, 42.2336, -28.3330



34.0420, -29.1905, 20.4651

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.



21.4821, -27.6365, 2.2660



21.4816, 42.2336, -28.3330



21.4821, -16.4650, 15.0375

Square

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



21.4821, 42.2324, -28.3319



21.4821, 23.0447, 15.0375



21.4821, -25.0210, 12.9183



21.4821, -17.8597, -58.8628

Rectangle

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



21.4816, 42.2336, -28.3330



21.4821, 48.8599, 9.7477



21.4821, -25.0210, 12.9183



21.4821, -26.8104, -13.6915

Sweetspot

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



21.4821, 42.2324, -28.3319



41.9040, 18.6914, -11.9546



10.8170, 29.3355, -76.8448



20.0174, 10.3068, -6.6478



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



21.4821, 42.2324, -28.3319



28.4723, 55.9774, -37.5528



19.3145, 34.5531, 1.0199



18.5835, 1.2357, -0.5050



23.0971, 45.4097, -30.4634



51.5508, 101.3504, -67.9915

Inverse Universe

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



21.4821, 42.2324, -28.3319



28.4723, 55.9774, -37.5528



34.4588, -26.5896, 14.3296



18.5835, 1.2357, -0.5050



23.0971, 45.4097, -30.4634



51.5508, 101.3504, -67.9915

Previews

White Background



This preview shows how the HunterLab color 21.4816, 42.2336, -28.3330 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 21.4816, 42.2336, -28.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

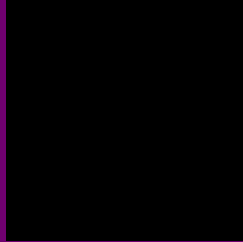
Any Text WCAG AA × Fail

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 21.4816, 42.2336, -28.3330 Background



This preview shows how black text looks on a background with the HunterLab color 21.4816, 42.2336, -28.3330.



This preview shows how white text looks on a background with the HunterLab color 21.4816, 42.2336, -28.3330.

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

21.4816, 42.2336, -28.3330

Protanopia

22.5476, 6.6111, -42.4541

Deuteranopia

22.8311, 1.0090, -20.6204



Tritanopia

22.3827, 18.5643, 6.9933

Trichromacy



Original Color

21.4816, 42.2336, -28.3330

Protanomaly

18.3785, 19.1005, -49.8578

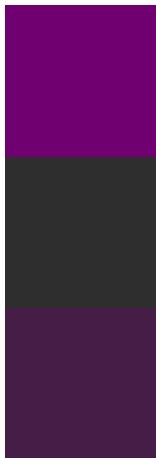
Deuteranomaly

19.4741, 17.9805, -30.8796

Tritanomaly

21.1509, 28.2808, -3.1824

Monochromacy



Original Color

21.4816, 42.2336, -28.3330

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.1957, 16.5217, -10.9432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4816, 42.2336, -28.3330 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(112, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 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(112, 0, 112) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 21.4816, 42.2336, -28.3330 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(112, 0, 112) }
```


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

```
.border{ border-color:rgb(112, 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(112, 0, 112) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 21.4816, 42.2336, -28.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(112, 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](#).

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