

Converting Colors

HunterLab(42.3664, -16.8895,
-16.3665)

Have a look what the booklet for
HunterLab(42.3664, -16.8895,
-16.3665) contains.

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Color

**HunterLab(42.4421,
-16.9704, -16.2447)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 028199 |
| RGB | 2, 129, 153 |
| RGB Percent | 1%, 51%, 60% |
| CMY | 0.9921, 0.4941, 0.4000 |
| CMYK | 0.99, 0.16, 0.00, 0.40 |
| HSL | 190°, 97%, 30% |
| HSV | 190°, 99%, 60% |
| XYZ | 13.6250, 18.0133, 32.8958 |
| YIQ | 93.7630, -83.3960, -19.4600 |

Conversions

Conversions Part 2

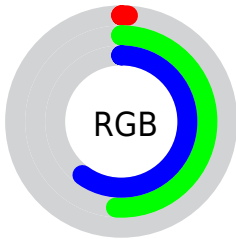
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 2, 71, 153 |
| Decimal | 164249 |
| CIELab | 49.51, -20.70, -21.25 |
| CIELCh | 50, 29.665, 225.749 |
| Yxy | 18.0140, 0.2111, 0.2791 |
| Android (android.graphics.Color) | 4278354329 (0xFF028199) |
| YUV | 93.7630, 29.2038, -80.4762 |
| Hunter-Lab | 42.4421, -16.9704, -16.2447 |

Details

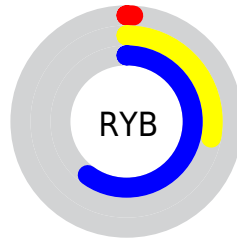
The HunterLab color **42.4421, -16.9704, -16.2447** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **27.4164, 40.0328, 17.4691**, and the grayscale version is **33.2884, -1.7762, 1.8086**.

A 20% lighter version of the original color is **63.2354, -20.5560, -16.7429**, and **25.5955, -8.5679, -13.4965** is the 20% darker color. If you saturate the color by 10%, you get **42.3276, -16.8978, -16.4283**, and if you desaturate by 10%, it is **43.3261, -17.4763, -14.8504**.

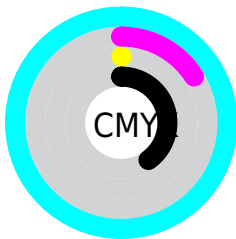
Distribution



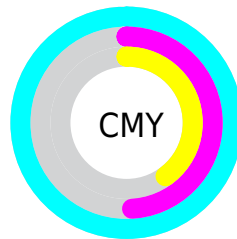
- Red (1%)
- Green (51%)
- Blue (60%)



- Red (1%)
- Yellow (28%)
- Blue (60%)



- Cyan (99%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4421, -16.9704, -16.2447 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 42.4421, -16.9704, -16.2447 by changing the saturation by 10% instead.

42.4421, -16.9704,
-16.2447

42.4421, -16.9704,
-16.2447

155.2255,
-31.9433, -17.3125

33.1059, -15.1207,
-15.8258

63.2938, -20.4758,
-16.8895

24.5763, -13.1680,
-15.3556

74.7149, -22.1661,
-17.1165

16.9393, -11.0583,
-14.8706

86.7505, -23.8295,
-17.2831

10.3147, -9.4731,
-14.5000

99.3710, -25.4731,
-17.3922

0.0000, NaN, -NF

0.0000, NaN, -NF

112.5502,
-27.1024, -17.4469

0.0000, NaN, NaN

126.2655,

0.0000, NaN, NaN

-28.7218, -17.4502

0.0000, NaN, NaN

140.4966,
-30.3345, -17.4045

■ 42.4421, -16.9704,
-16.2447

■ 42.4421, -16.9704,
-16.2447

■ 42.3276, -16.8978,
-16.4283

■ 43.3261, -17.4763,
-14.8504

■ 44.3060, -17.6207,
-13.3369

■ 45.4080, -17.3090,
-11.6737

■ 46.6382, -16.5230,
-9.8639

■ 47.9994, -15.2622,
-7.9165

■ 49.4915, -13.5396,
-5.8446

■ 51.1125, -11.3776,
-3.6629

■ 52.8588, -8.8047,
-1.3868

■ 54.7261, -5.8533,
0.9688

Harmonies

Analogous

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



42.4429, -21.9747, -3.9766



42.4421, -16.9704, -16.2447



42.4429, -7.7103, -24.3910

Triad

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



42.4429, -16.9702, -16.2440



42.4429, 22.0438, -3.3551



42.4429, -8.2524, 18.2783

Complementary

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



42.4421, -16.9704, -16.2447



27.4164, 40.0328, 17.4691

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.



42.4429, 3.4654, 18.3596



42.4421, -16.9704, -16.2447



42.4429, 21.8576, 7.7618

Square

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



42.4429, -16.9702, -16.2440



42.4429, 15.2420, -15.6832



42.4429, 14.7581, 15.0468



42.4429, -17.3295, 14.7824

Rectangle

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



42.4421, -16.9704, -16.2447



42.4429, 0.0302, -25.2705



42.4429, 14.7581, 15.0468



42.4429, -4.5162, 18.6657

Sweetspot

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



42.4429, -16.9702, -16.2440



67.9718, -15.8239, -5.4715



47.8169, -40.4194, 27.6396



31.5441, -7.9713, -3.1022



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



42.4429, -16.9702, -16.2440



56.4448, -22.3505, -22.3028



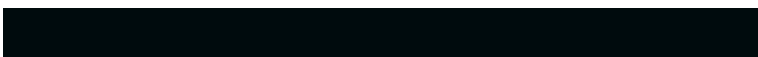
22.4335, 17.5133, -65.5207



26.1902, -2.8886, 0.4018



38.5323, -15.4303, -14.8525



5.1133, -2.4006, -1.2090

Inverse Universe

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



28.9851, 54.7166, -23.6664



38.6380, 73.4166, -31.2171



39.9019, 9.4438, 24.6664



25.1133, 1.6768, -0.3321



26.2758, 49.9719, -21.5778



3.2742, 6.3257, -3.4540

Previews

White Background



This preview shows how the HunterLab color 42.4421, -16.9704, -16.2447 looks on a white background.

Color Contrast Check

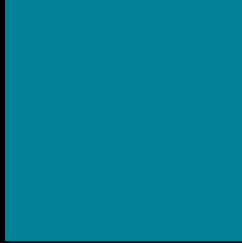
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.4421, -16.9704, -16.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

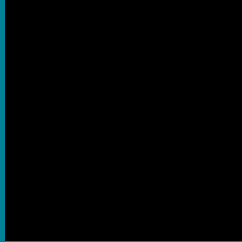
Any Text WCAG AA ✓ Pass

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 42.4421, -16.9704, -16.2447 Background



This preview shows how black text looks on a background with the HunterLab color 42.4421, -16.9704, -16.2447.



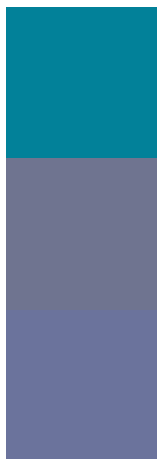
This preview shows how white text looks on a background with the HunterLab color 42.4421, -16.9704, -16.2447.

-16.9704, -16.2447.

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

42.4421, -16.9704, -16.2447

Protanopia

42.2894, 1.2736, -10.9119

Deuteranopia

42.1753, 3.2001, -18.1716



Tritanopia

42.2946, -20.0353, -9.6142

Trichromacy



Original Color

42.4421, -16.9704, -16.2447

Protanomaly

41.3774, -8.9853, -14.2143

Deuteranomaly

41.3095, -7.0995, -19.1777

Tritanomaly

42.4453, -19.1633, -11.5999

Monochromacy



Original Color

42.4421, -16.9704, -16.2447

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

35.7006, -11.0934, -5.1326

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4421, -16.9704, -16.2447 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(2, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(2, 129, 153)  
}
```

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(2, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 129, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4421, -16.9704, -16.2447 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(2, 129, 153) }
```


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

```
.border{ border-color:rgb(2, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(2, 129,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4421, -16.9704, -16.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 129, 153) }
```

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

```
.background{ background-color: rgb(2, 129,  
153) }
```

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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