

Converting Colors

HunterLab(49.4700, -28.7417,
5.0884)

Have a look what the booklet for
HunterLab(49.4700, -28.7417,
5.0884) contains.

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Color

**HunterLab(49.4700,
-28.7417, 5.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	279881
RGB	39, 152, 129
RGB Percent	15%, 60%, 51%
CMY	0.8470, 0.4039, 0.4941
CMYK	0.74, 0.00, 0.15, 0.40
HSL	168°, 59%, 37%
HSV	168°, 74%, 60%
XYZ	16.0274, 24.4728, 24.6479
YIQ	115.5910, -59.9650, -31.1090

Conversions

Conversions Part 2

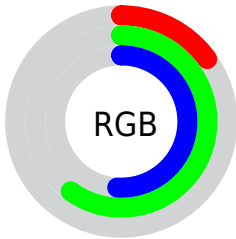
Format	Color
R_{YB}	39, 102, 152
Decimal	2594945
CIE _{Lab}	56.56, -36.52, 3.21
CIE _{LCh}	57, 36.657, 174.976
Yxy	24.4738, 0.2460, 0.3757
Android (android.graphics.Color)	4280785025 (0xFF279881)
YUV	115.5910, 6.6106, -67.1703
Hunter-Lab	49.4700, -28.7417, 5.0884

Details

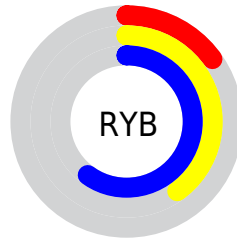
The HunterLab color **49.4700, -28.7417, 5.0884** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.1117, 38.2365, 9.3241**, and the grayscale version is **41.6263, -2.2211, 2.2616**.

A 20% lighter version of the original color is **71.2936, -34.0392, 6.5303**, and **31.1344, -20.0566, 4.3811** is the 20% darker color. If you saturate the color by 10%, you get **49.1458, -30.2145, 5.9794**, and if you desaturate by 10%, it is **49.9158, -26.8018, 4.3185**.

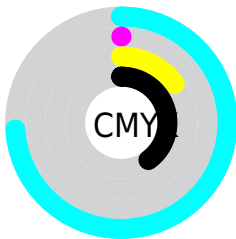
Distribution



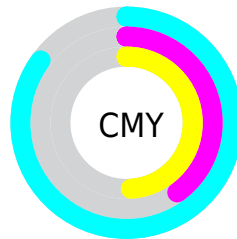
- Red (15%)
- Green (60%)
- Blue (51%)



- Red (15%)
- Yellow (40%)
- Blue (60%)



- Cyan (74%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (85%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4700, -28.7417, 5.0884 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 49.4700, -28.7417, 5.0884 by changing the saturation by 10% instead.

■ 49.4700, -28.7417,
5.0884

■ 49.4700, -28.7417,
5.0884

165.8936,
-50.6106, 12.6682

■ 39.6048, -25.8832,
4.3715

■ 71.2757, -34.0645,
6.6012

■ 30.4989, -22.8337,
3.6794

■ 83.1331, -36.5843,
7.3955

■ 22.2229, -19.5177,
3.0115

■ 95.5836, -39.0345,
8.2148

■ 14.8703, -15.8078,
2.3640

■ 108.6003,
-41.4282, 9.0585

■ 8.5213, -14.9123,
2.0255

■ 122.1594,
-43.7754, 9.9262

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.2402,

-46.0841, 10.8174

0.0000, NaN, NaN

150.8238,
-48.3607, 11.7315

0.0000, NaN, NaN

■ 49.4700, -28.7417,
5.0884

■ 49.4700, -28.7417,
5.0884

■ 49.1458, -30.2145,
5.9794

■ 49.9158, -26.8018,
4.3185

■ 48.9267, -31.2625,
6.9673

■ 50.4896, -24.3724,
3.6856

■ 48.8255, -31.7631,
7.5398

■ 51.1990, -21.4487,
3.2037

■ 52.0480, -18.0397,
2.8822

■ 53.0383, -14.1659,
2.7266

■ 54.1700, -9.8566,
2.7385

■ 55.4413, -5.1477,
2.9166

■ 56.8494, -0.0785,
3.2565

■ 58.3902, 5.3097,
3.7518

Harmonies

Analogous

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



49.4710, -24.5645, 16.2474



49.4700, -28.7417, 5.0884



49.4710, -26.6529, -10.6880

Triad

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



49.4710, -28.7420, 5.0890



49.4710, 10.4455, -30.1138



49.4710, 15.4602, 20.6075

Complementary

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



49.4700, -28.7417, 5.0884



29.1117, 38.2365, 9.3241

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.



49.4710, 27.0529, 13.1405



49.4700, -28.7417, 5.0884



49.4710, 23.9192, -16.2809

Square

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



49.4710, -28.7420, 5.0890



49.4710, -5.2005, -34.2304



49.4710, 30.3223, 0.1705



49.4710, -0.0311, 23.2901

Rectangle

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



49.4700, -28.7417, 5.0884



49.4710, -21.8361, -21.5433



49.4710, 30.3223, 0.1705



49.4710, 20.0135, 18.7098

Sweetspot

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



49.4710, -28.7420, 5.0890



70.7368, -17.7692, 3.6082



48.6587, -34.9831, 27.0315



33.5566, -9.1146, 1.7296



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.



49.4710, -28.7420, 5.0890



65.0918, -41.0905, 8.7703



40.1600, -11.5231, -19.3129



26.4670, -3.6214, 1.3566



44.7130, -29.0540, 6.8320



5.5114, -3.2845, 0.2016

Inverse Universe

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



29.1117, 38.2365, 9.3241



35.5506, 57.6790, 16.4230



33.6620, 23.6560, 17.7749



24.9845, 0.9848, 1.5016



23.8405, 41.1903, 12.5929



2.9894, 5.3097, 0.4569

Previews

White Background



This preview shows how the HunterLab color 49.4700, -28.7417, 5.0884 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 49.4700, -28.7417, 5.0884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

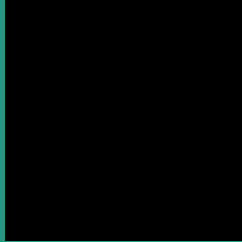
Any Text WCAG AA ✓ Pass

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 49.4700, -28.7417, 5.0884 Background



This preview shows how black text looks on a background with the HunterLab color 49.4700, -28.7417, 5.0884.



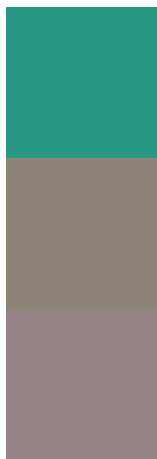
This preview shows how white text looks on a background with the HunterLab color 49.4700,

-28.7417, 5.0884.

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

49.4700, -28.7417, 5.0884

Protanopia

49.0601, -2.5369, 8.7117

Deuteranopia

48.9718, 3.5950, 2.9328



Tritanopia

49.5567, -19.8507, -9.6007

Trichromacy



Original Color

49.4700, -28.7417, 5.0884

Protanomaly

48.3972, -15.3233, 6.5974

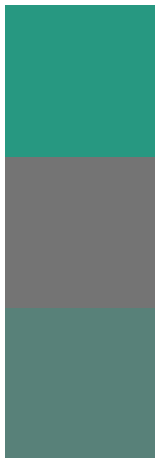
Deuteranomaly

47.9907, -11.6858, 2.3975

Tritanomaly

49.3386, -23.0746, -4.1706

Monochromacy



Original Color

49.4700, -28.7417, 5.0884

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.7672, -14.0874, 2.2178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4700, -28.7417, 5.0884 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(39, 152, 129)` looks like.

```
.text, #text, p{  
    color:rgb(39, 152, 129)  
}
```

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(39, 152, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 152, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4700, -28.7417, 5.0884 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(39, 152, 129) }
```


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

```
.border{ border-color:rgb(39, 152, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 152, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 152, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 152, 129);  
box-shadow:4px 4px 4px 4px rgb(39, 152,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4700, -28.7417, 5.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 152, 129) }
```

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

```
.background{ background-color: rgb(39, 152,  
129) }
```

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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