

Converting Colors

HunterLab(28.7840, -4.7536,
0.4316)

Have a look what the booklet for
HunterLab(28.7840, -4.7536, 0.4316)
contains.

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Color

**HunterLab(28.8450, -4.8770,
0.4485)**

Conversions

Conversions Part 1

Format	Color
Hex	475454
RGB	71, 84, 84
RGB Percent	28%, 33%, 33%
CMY	0.7216, 0.6706, 0.6706
CMYK	0.15, 0.00, 0.00, 0.67
HSL	180°, 8%, 30%
HSV	180°, 15%, 33%
XYZ	7.3691, 8.3203, 9.6051
YIQ	80.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

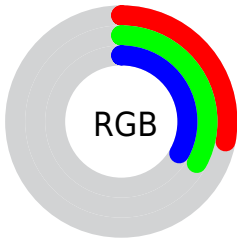
Format	Color
R_{YB}	71, 78, 84
Decimal	4674644
CIE Lab	34.64, -5.08, -1.72
CIE LCh	35, 5.361, 198.694
Yxy	8.3207, 0.2913, 0.3289
Android (android.graphics.Color)	4282864724 (0xFF475454)
YUV	80.1130, 1.9163, -7.9921
Hunter-Lab	28.8450, -4.8770, 0.4485

Details

The HunterLab color **28.8450, -4.8770, 0.4485** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **26.1657, 2.2841, 2.6546**, and the grayscale version is **28.3598, -1.5132, 1.5408**.

A 20% lighter version of the original color is **47.6830, -6.6875, 1.6731**, and **13.5297, -3.3104, -0.1325** is the 20% darker color. If you saturate the color by 10%, you get **28.3279, -6.7560, -0.2176**, and if you desaturate by 10%, it is **29.4289, -2.8028, 1.1860**.

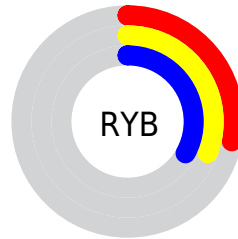
Distribution



Red (28%)

Green (33%)

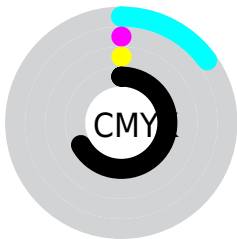
Blue (33%)



Red (28%)

Yellow (31%)

Blue (33%)

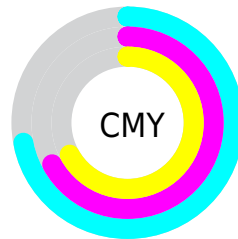


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (67%)



Cyan (72%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8450, -4.8770, 0.4485 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 28.8450, -4.8770, 0.4485 by changing the saturation by 10% instead.

■ 28.8450, -4.8770,
0.4485

■ 28.8450, -4.8770,
0.4485

133.5014,
-12.7751, 5.4217

■ 20.7384, -4.0797,
0.1196

■ 47.5234, -6.5055,
1.2699

■ 13.5765, -3.2812,
-0.1443

■ 57.9636, -7.3435,
1.7505

■ 7.1687, -3.4698,
-0.6034

■ 69.0729, -8.1998,
2.2727

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.8132, -9.0753,
2.8336

0.0000, NaN, NaN

■ 93.1522, -9.9705,
3.4308

0.0000, NaN, NaN

106.0623,

0.0000, NaN, NaN

-10.8855, 4.0623

0.0000, NaN, NaN

119.5191,
-11.8204, 4.7264

■ 28.8450, -4.8770,
0.4485

■ 28.8450, -4.8770,
0.4485

■ 28.3279, -6.7560,
-0.2176

■ 29.4289, -2.8028,
1.1860

■ 27.8763, -8.4250,
-0.8092

■ 30.0767, -0.5473,
1.9884

■ 27.4904, -9.8741,
-1.3223

■ 30.7877, 1.8724,
2.8504

■ 27.1694, -11.0968,
-1.7549

■ 31.5599, 4.4392,
3.7661

■ 26.9113, -12.0914,
-2.1064

■ 32.3913, 7.1362,
4.7297

■ 26.7134, -12.8614,
-2.3784

■ 33.2794, 9.9470,
5.7356

■ 26.5717, -13.4166,
-2.5742

■ 34.2219, 12.8566,
6.7785

■ 26.4679, -13.8258,
-2.7185

■ 35.2161, 15.8509,
7.8536

■ 26.4215, -14.0090,
-2.7831

■ 36.2595, 18.9173,
8.9565

Harmonies

Analogous

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



28.8456, -4.9921, 2.2346



28.8450, -4.8770, 0.4485



28.8456, -3.8825, -1.1273

Triad

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



28.8456, -4.8775, 0.4489



28.8456, 1.2183, -0.7871



28.8456, -0.8303, 4.7353

Complementary

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



28.8450, -4.8770, 0.4485



26.1657, 2.2841, 2.6546

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.



28.8456, 0.8783, 4.0299



28.8450, -4.8770, 0.4485



28.8456, 2.0811, 0.8895

Square

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



28.8456, -4.8775, 0.4489



28.8456, -0.3758, -1.8718



28.8456, 1.9551, 2.6481



28.8456, -2.6873, 4.6341

Rectangle

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



28.8450, -4.8770, 0.4485



28.8456, -2.8392, -1.8119



28.8456, 1.9551, 2.6481



28.8456, -0.2187, 4.5866

Sweetspot

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



28.8456, -4.8775, 0.4489



38.9201, -3.6171, 1.5986



28.5372, -6.6409, 5.0827



19.6831, -1.8931, 0.7871



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.8456, -4.8775, 0.4489



37.8278, -7.5170, 0.2134



27.1819, -2.2352, -1.5858



14.5566, -1.7371, 0.4692



33.1997, -17.6030, -3.4969



79.7302, -42.2746, -8.3971

Inverse Universe

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



26.1657, 2.2841, 2.6546



33.3543, 4.4563, 3.9014



27.7264, -0.4459, 4.3293



13.8019, 0.2764, 1.0892



17.2514, 29.5437, 11.1464



41.4297, 70.9498, 26.7699

Previews

White Background



This preview shows how the HunterLab color 28.8450, -4.8770, 0.4485 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 28.8450, -4.8770, 0.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

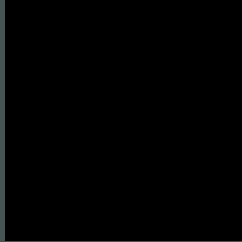
Any Text WCAG AA × Fail

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 28.8450, -4.8770, 0.4485 Background



This preview shows how black text looks on a background with the HunterLab color 28.8450, -4.8770, 0.4485.



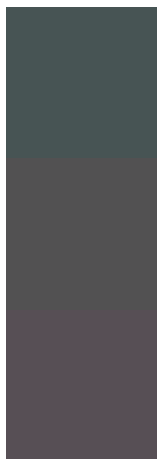
This preview shows how white text looks on a background with the HunterLab color 28.8450, -4.8770,

0.4485.

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

28.8450, -4.8770, 0.4485

Protanopia

28.7887, -1.1179, 1.2797

Deuteranopia

28.7647, 1.5781, 0.0376



Tritanopia

28.8139, -3.2735, -2.2060

Trichromacy



Original Color

28.8450, -4.8770, 0.4485

Protanomaly

28.7729, -2.4566, 0.8235

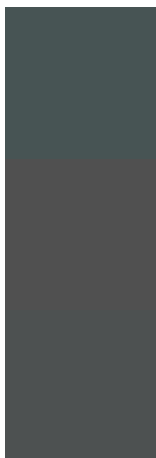
Deuteranomaly

28.7925, -0.9427, 0.0277

Tritanomaly

28.7555, -3.5971, -1.3801

Monochromacy



Original Color

28.8450, -4.8770, 0.4485

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.3844, -2.5818, 1.1845

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8450, -4.8770, 0.4485 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(71, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(71, 84, 84)  
}
```

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(71, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 84, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8450, -4.8770, 0.4485 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(71, 84, 84) }
```


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

```
.border{ border-color:rgb(71, 84, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 84, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(71, 84, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.8450, -4.8770, 0.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 84, 84) }
```

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

```
.background{ background-color: rgb(71, 84,  
84) }
```

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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