

Converting Colors

HunterLab(28.2724, -10.4284,
4.3817)

Have a look what the booklet for
HunterLab(28.2724, -10.4284,
4.3817) contains.

HunterLab(28.2724, -10.4284, 4.3817)	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(28.2724,
-10.4284, 4.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	395648
RGB	57, 86, 72
RGB Percent	22%, 34%, 28%
CMY	0.7765, 0.6627, 0.7176
CMYK	0.34, 0.00, 0.16, 0.66
HSL	151°, 20%, 28%
HSV	151°, 34%, 34%
XYZ	6.1848, 7.9933, 7.3478
YIQ	75.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

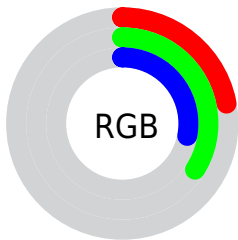
Format	Color
RYB	57, 76, 86
Decimal	3757640
CIELab	33.97, -14.27, 4.73
CIELCh	34, 15.037, 161.674
Yxy	7.9936, 0.2873, 0.3713
Android (android.graphics.Color)	4281947720 (0xFF395648)
YUV	75.7330, -1.8404, -16.4288
Hunter-Lab	28.2724, -10.4284, 4.3817

Details


The HunterLab color $28.2724, -10.4284, 4.3817$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $23.1513, 9.1269, -0.8419$, and the grayscale version is $26.7979, -1.4299, 1.4560$.

A 20% lighter version of the original color is $46.8697, -13.3938, 6.1683$, and $13.2671, -7.3319, 2.8520$ is the 20% darker color. If you saturate the color by 10%, you get $27.7660, -12.5601, 5.2632$, and if you desaturate by 10%, it is $28.8517, -8.0631, 3.5289$.

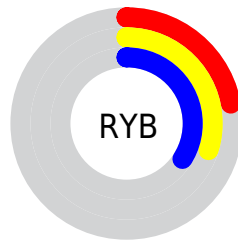
Distribution



 Red (22%)

 Green (34%)

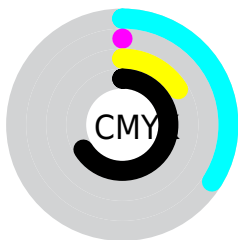
 Blue (28%)



 Red (22%)

 Yellow (30%)

 Blue (34%)

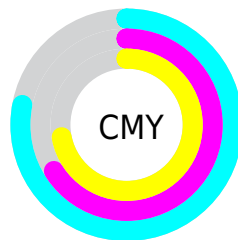


 Cyan (34%)

 Magenta (0%)

 Yellow (16%)

 Black (66%)



 Cyan (78%)

 Magenta (66%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2724, -10.4284, 4.3817 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 28.2724, -10.4284, 4.3817 by changing the saturation by 10% instead.

■ 28.2724, -10.4284,
4.3817

■ 28.2724, -10.4284,
4.3817

■ 132.5451,
-22.6660, 12.1461

■ 20.2259, -8.9225,
3.6083

■ 46.8465, -13.2615,
5.9683

■ 13.1321, -7.3010,
2.8355

■ 57.2401, -14.6291,
6.7883

■ 6.6292, -9.7368,
3.3173

■ 68.3056, -15.9797,
7.6285

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.0046, -17.3204,
8.4896

0.0000, NaN, NaN

■ 92.3043, -18.6560,
9.3720

0.0000, NaN, NaN

■ 105.1768,

0.0000, NaN, NaN

-19.9904, 10.2755

0.0000, NaN, NaN

118.5975,
-21.3264, 11.2003

■ 28.2724, -10.4284,
4.3817

■ 28.2724, -10.4284,
4.3817

■ 27.7660, -12.5601,
5.2632

■ 28.8517, -8.0631,
3.5289

■ 27.3307, -14.4414,
6.1637

■ 29.5015, -5.4818,
2.7112

■ 26.9661, -16.0618,
7.0741

■ 30.2210, -2.7060,
1.9348

■ 26.6701, -17.4165,
7.9837

■ 31.0083, 0.2426,
1.2045

■ 26.4393, -18.5080,
8.8817

■ 31.8612, 3.3420,
0.5233

■ 26.2615, -19.3785,
9.7501

■ 32.7770, 6.5714,
-0.1065

■ 26.1560, -19.8969,
10.2591

■ 33.7529, 9.9111,
-0.6842

■ 34.7862, 13.3433,
-1.2096

■ 35.8739, 16.8522,
-1.6836

Harmonies

Analogous

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



28.2730, -7.8845, 7.7872



28.2724, -10.4284, 4.3817



28.2730, -10.6913, -0.4638

Triad

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



28.2730, -10.4288, 4.3820



28.2730, 0.5515, -9.5110



28.2730, 6.3921, 7.1843

Complementary

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



28.2724, -10.4284, 4.3817



23.1513, 9.1269, -0.8419

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.



28.2730, 9.0165, 3.4052



28.2724, -10.4284, 4.3817



28.2730, 5.4844, -6.5705

Square

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



28.2730, -10.4288, 4.3820



28.2730, -4.6001, -9.1192



28.2730, 8.6727, -1.6339



28.2730, 1.7187, 9.1910

Rectangle

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



28.2724, -10.4284, 4.3817



28.2730, -9.5621, -3.9530



28.2730, 8.6727, -1.6339



28.2730, 7.5580, 6.1112

Sweetspot

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



28.2730, -10.4288, 4.3820



39.3129, -6.0330, 3.2306



28.7950, -9.0669, 9.6141



19.3801, -3.1279, 1.6381



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.



28.2730, -10.4288, 4.3820



36.8571, -15.9668, 6.6795



28.4969, -8.1734, -0.9018



15.3194, -2.1224, 1.1921



32.8875, -25.1656, 13.2187



77.8310, -60.3697, 33.0389

Inverse Universe

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



23.1513, 9.1269, -0.8419



28.6904, 15.3452, -1.5779



22.9091, 7.1546, 4.2234



14.6084, 0.5733, 0.4573



18.3774, 32.8066, 1.5288



43.3501, 77.0020, 6.5877

Previews

White Background



This preview shows how the HunterLab color 28.2724, -10.4284, 4.3817 looks on a white background.

Color Contrast Check

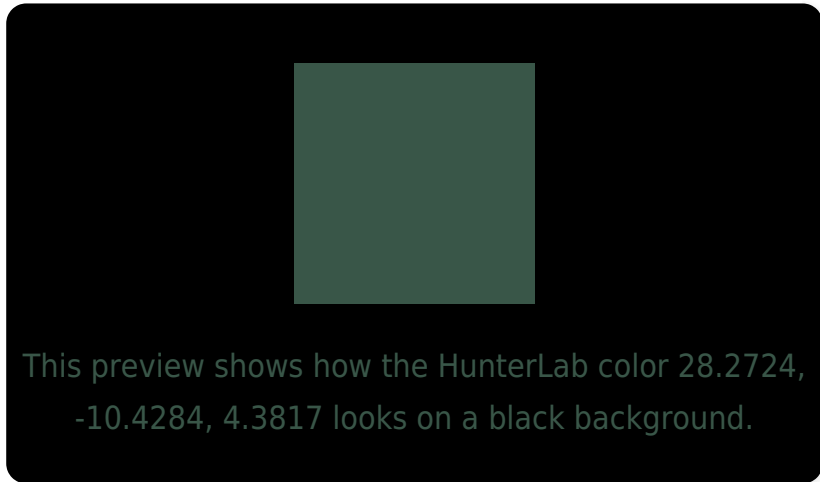
Large Text (above 18pt) WCAG AA ✓ Pass

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

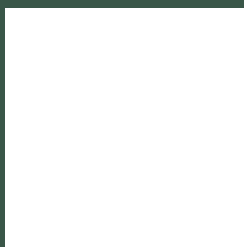
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 28.2724, -10.4284, 4.3817 Background



This preview shows how black text looks on a background with the HunterLab color 28.2724, -10.4284, 4.3817.



This preview shows how white text looks on a background with the HunterLab color 28.2724,

-10.4284, 4.3817.

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

28.2724, -10.4284, 4.3817

Protanopia

28.1184, -1.4290, 5.4296

Deuteranopia

28.1532, 1.5162, 3.7307



Tritanopia

28.1368, -5.6993, -3.1447

Trichromacy



Original Color

28.2724, -10.4284, 4.3817

Protanomaly

28.1649, -5.2619, 5.0653

Deuteranomaly

27.9216, -3.2696, 3.7631

Tritanomaly

28.1529, -7.4518, -0.0175

Monochromacy



Original Color

28.2724, -10.4284, 4.3817

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.4053, -5.0176, 2.3980

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2724, -10.4284, 4.3817 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(57, 86, 72)` looks like.

```
.text, #text, p{  
    color:rgb(57, 86, 72)  
}
```

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(57, 86, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 86, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2724, -10.4284, 4.3817 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(57, 86, 72) }
```


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

```
.border{ border-color:rgb(57, 86, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 86, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 86, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 86, 72);  
box-shadow:4px 4px 4px 4px rgb(57, 86, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.2724, -10.4284, 4.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 86, 72) }
```

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

```
.background{ background-color: rgb(57, 86,  
72) }
```

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