

Converting Colors

HunterLab(28.4012, -4.0827,
2.7719)

Have a look what the booklet for
HunterLab(28.4012, -4.0827, 2.7719)
contains.

HunterLab(28.4012, -4.0827, 2.7719)	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(28.4012, -4.0827,
2.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	4B524D
RGB	75, 82, 77
RGB Percent	29%, 32%, 30%
CMY	0.7059, 0.6784, 0.6980
CMYK	0.09, 0.00, 0.06, 0.68
HSL	137°, 4%, 31%
HSV	137°, 9%, 32%
XYZ	7.2585, 8.0663, 8.1956
YIQ	79.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

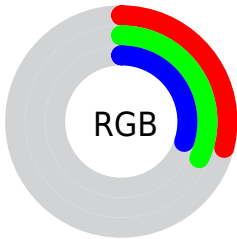
Format	Color
R_{YB}	75, 80, 82
Decimal	4936269
CIE Lab	34.12, -3.91, 1.97
CIE LCh	34, 4.375, 153.219
Yxy	8.0666, 0.3086, 0.3430
Android (android.graphics.Color)	4283126349 (0xFF4B524D)
YUV	79.3370, -1.1521, -3.8035
Hunter-Lab	28.4012, -4.0827, 2.7719

Details

The HunterLab color **28.4012, -4.0827, 2.7719** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **27.2129, 1.2058, 0.2532**, and the grayscale version is **28.0889, -1.4988, 1.5261**.

A 20% lighter version of the original color is **46.9298, -5.3167, 3.8875**, and **13.1311, -2.5731, 1.5495** is the 20% darker color. If you saturate the color by 10%, you get **27.7091, -6.8730, 4.1470**, and if you desaturate by 10%, it is **29.1640, -1.1033, 1.3724**.

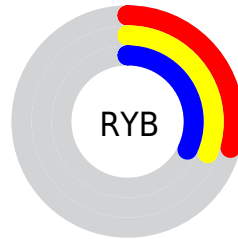
Distribution



Red (29%)

Green (32%)

Blue (30%)



Red (29%)

Yellow (31%)

Blue (32%)

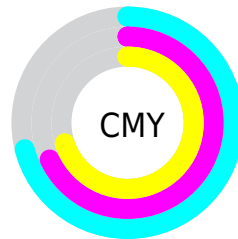


Cyan (9%)

Magenta (0%)

Yellow (6%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4012, -4.0827, 2.7719 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 28.4012, -4.0827, 2.7719 by changing the saturation by 10% instead.

■ 28.4012, -4.0827,
2.7719

■ 28.4012, -4.0827,
2.7719

■ 132.7606,
-11.4322, 9.3074

■ 20.3411, -3.3722,
2.1981

■ 46.9989, -5.5615,
4.0183

■ 13.2319, -2.6723,
1.6565

■ 57.4030, -6.3328,
4.6885

■ 6.7546, -2.8803,
1.5774

■ 68.4784, -7.1266,
5.3887

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.1867, -7.9431,
6.1180

0.0000, NaN, NaN

■ 92.4953, -8.7821,
6.8754

0.0000, NaN, NaN

105.3763, -9.6435,

0.0000, NaN, NaN

118.8052,
-10.5269, 8.4709

■ 28.4012, -4.0827,
2.7719

■ 28.4012, -4.0827,
2.7719

■ 27.7091, -6.8730,
4.1470

■ 29.1640, -1.1033,
1.3724

■ 27.0878, -9.4479,
5.4848

■ 29.9934, 2.0423,
-0.0422

■ 26.5395, -11.7846,
6.7733

■ 30.8870, 5.3299,
-1.4624

■ 26.0647, -13.8625,
7.9996

■ 31.8420, 8.7373,
-2.8805

■ 25.6632, -15.6650,
9.1510

■ 32.8553, 12.2446,
-4.2902

■ 25.3338, -17.1816,
10.2155

■ 33.9238, 15.8338,
-5.6864

■ 25.0739, -18.4089,
11.1824

■ 35.0444, 19.4895,
-7.0656

■ 24.8797, -19.3527,
12.0429

■ 36.2142, 23.1984,
-8.4248

■ 24.7179, -20.1458,
12.7689

■ 37.4302, 26.9493,
-9.7623

Harmonies

Analogous

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



28.4018, -3.1029, 3.7783



28.4012, -4.0827, 2.7719



28.4018, -4.3810, 1.3892

Triad

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



28.4018, -4.0833, 2.7723



28.4018, -1.3524, -1.3772



28.4018, 0.9737, 3.0296

Complementary

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



28.4012, -4.0827, 2.7719



27.2129, 1.2058, 0.2532

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.



28.4018, 1.4652, 1.7019



28.4012, -4.0827, 2.7719



28.4018, 0.1046, -0.8837

Square

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



28.4018, -4.0833, 2.7723



28.4018, -2.8240, -1.0540



28.4018, 1.1439, 0.2624



28.4018, -0.1859, 3.9213

Rectangle

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



28.4012, -4.0827, 2.7719



28.4018, -4.1574, 0.4261



28.4018, 1.1439, 0.2624



28.4018, 1.2236, 2.6221

Sweetspot

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



28.4018, -4.0833, 2.7723



38.0637, -3.2858, 2.6616



28.7214, -3.0462, 3.9030



18.8659, -1.7497, 1.3770



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



28.4018, -4.0833, 2.7723



37.3547, -6.0846, 3.9960



28.4907, -3.5893, 1.5029



14.4894, -2.1101, 1.4275



31.7880, -26.2133, 16.8548



76.2483, -63.5257, 41.8299

Inverse Universe

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



27.2129, 1.2058, 0.2532



35.4533, 2.3755, -0.0326



27.1205, 0.7080, 1.5689



13.8702, 0.6448, 0.1154



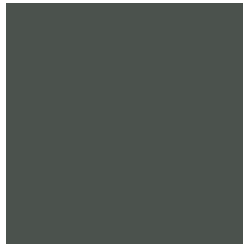
18.6542, 34.6462, -8.8779



44.6194, 82.5632, -18.8509

Previews

White Background



This preview shows how the HunterLab color 28.4012, -4.0827, 2.7719 looks on a white background.

Color Contrast Check

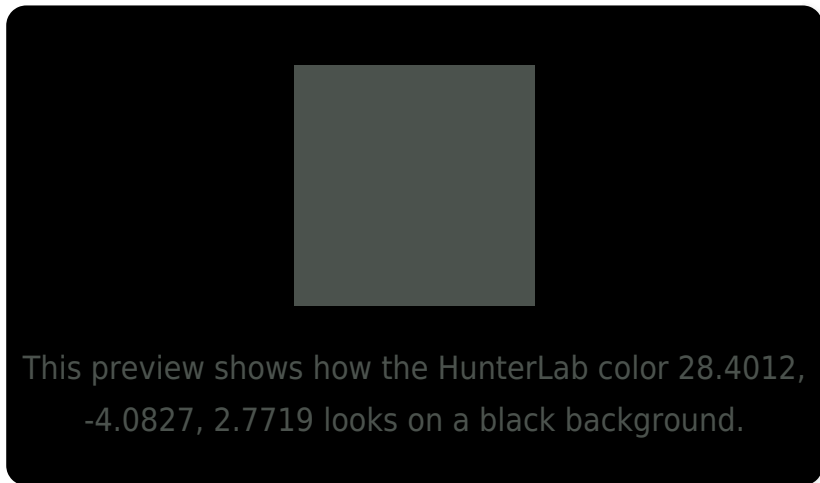
Large Text (above 18pt) WCAG AA ✓ Pass

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

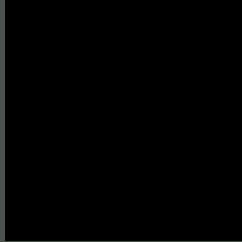
Any Text WCAG AA × Fail

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 28.4012, -4.0827, 2.7719 Background



This preview shows how black text looks on a background with the HunterLab color 28.4012, -4.0827, 2.7719.



This preview shows how white text looks on a background with the HunterLab color 28.4012, -4.0827, 2.7719.

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

28.4012, -4.0827, 2.7719

Protanopia

28.4572, -1.2476, 3.2676

Deuteranopia

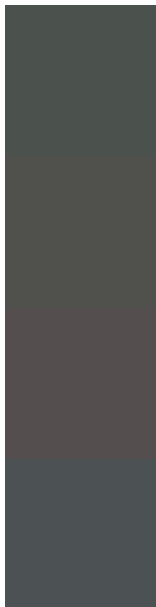
28.2518, 2.0451, 2.3181



Tritanopia

28.5495, -1.6734, -1.1628

Trichromacy



Original Color

28.4012, -4.0827, 2.7719

Protanomaly

28.4818, -2.4935, 3.2733

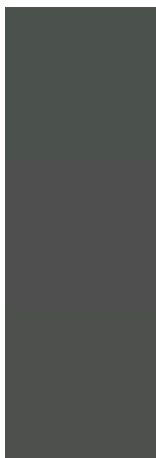
Deuteranomaly

28.3317, -0.2657, 2.3695

Tritanomaly

28.3653, -2.5415, 0.3284

Monochromacy



Original Color

28.4012, -4.0827, 2.7719

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.1195, -2.3255, 2.0889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4012, -4.0827, 2.7719 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(75, 82, 77)` looks like.

```
.text, #text, p{  
    color:rgb(75, 82, 77)  
}
```

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(75, 82, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 82, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4012, -4.0827, 2.7719 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(75, 82, 77) }
```


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

```
.border{ border-color:rgb(75, 82, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 82, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 82, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 82, 77);  
box-shadow:4px 4px 4px 4px rgb(75, 82, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4012, -4.0827, 2.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 82, 77) }
```

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

```
.background{ background-color: rgb(75, 82,  
77) }
```

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