

Converting Colors

HunterLab(37.3401, 4.5151,
2.2364)

Have a look what the booklet for
HunterLab(37.3401, 4.5151, 2.2364)
contains.

HunterLab(37.4643, 4.3027, 2.4342) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(37.4643, 4.3027,
2.4342)**

Conversions

Conversions Part 1	
Format	Color
Hex	776468
RGB	119, 100, 104
RGB Percent	47%, 39%, 41%
CMY	0.5333, 0.6078, 0.5922
CMYK	0.00, 0.16, 0.13, 0.53
HSL	347°, 9%, 43%
HSV	347°, 16%, 47%
XYZ	14.6636, 14.0357, 15.0330
YIQ	106.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

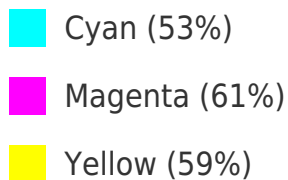
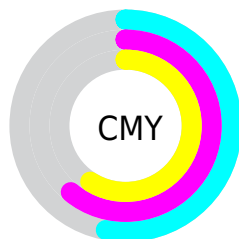
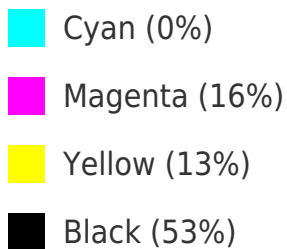
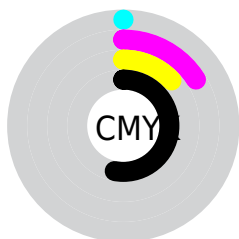
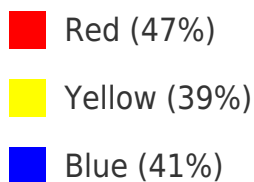
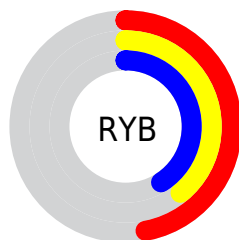
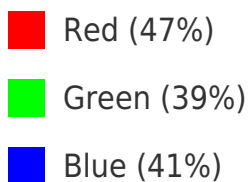
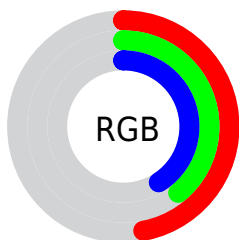
Format	Color
RYB	119, 100, 104
Decimal	7824488
CIELab	44.29, 8.32, 0.57
CIELCh	44, 8.339, 3.917
Yxy	14.0364, 0.3353, 0.3210
Android (android.graphics.Color)	4286014568 (0xFF776468)
YUV	106.1370, -1.0535, 11.2809
Hunter-Lab	37.4643, 4.3027, 2.4342

Details

The HunterLab color $[37.4643, 4.3027, 2.4342]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[41.4018, -8.0089, 2.1427]$, and the grayscale version is $[38.0181, -2.0286, 2.0656]$.

A 20% lighter version of the original color is $[57.5827, 3.9370, 3.6214]$, and $[20.3561, 4.1648, 1.3417]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.2598, 8.5780, 2.6873]$, and if you desaturate by 10%, it is $[40.8535, 0.1374, 2.3329]$.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 37.4643, 4.3027, 2.4342 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 37.4643, 4.3027, 2.4342 by changing the saturation by 10% instead.


 37.4643, 4.3027,
2.4342


 37.4643, 4.3027,
2.4342

147.4642, 1.8874,
8.6534


 28.5411, 4.2681,
1.9144


 57.5791, 4.1407,
3.5912


 20.4658, 4.1405,
1.4364

 68.6652, 3.9646,
4.2225

 13.3400, 3.8963,
1.0049

 80.3836, 3.7333,
4.8867

 6.8875, 4.8955,
0.7178

 92.7017, 3.4515,
5.5823

0.0000, NaN, NaN

105.5919, 3.1230,
6.3079

0.0000, NaN, NaN

0.0000, NaN, NaN


119.0296, 2.7511,


0.0000, NaN, NaN


7.0623


0.0000, NaN, NaN


132.9934, 2.3384,
7.8444


 37.4643, 4.3027,
2.4342


 37.4643, 4.3027,
2.4342


 34.2598, 8.5780,
2.6873


 40.8535, 0.1374,
2.3329


 31.2699, 12.9462,
3.1169


 44.3991, -3.9131,
2.3572


 28.5346, 17.3516,
3.7502

 48.0810, -7.8579,
2.4875

 26.1005, 21.6850,
4.6072

 51.8826, -11.7090,
2.7066

 24.0193, 25.7617,
5.6897

 55.7901, -15.4795,
3.0008

■ 22.3420, 29.3173,
6.9667

■ 59.7926, -19.1821,
3.3588

■ 21.1072, 32.0469,
8.3616

■ 63.8810, -22.8281,
3.7715

■ 20.2833, 33.8481,
9.7247

■ 68.0476, -26.4276,
4.2314

■ 19.9808, 34.5700,
10.1812

■ 72.2862, -29.9895,
4.7324

Harmonies

Analogous

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



37.4651, 3.6551, -0.6114



37.4643, 4.3027, 2.4342



37.4651, 3.2135, 5.1443

Triad

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



37.4651, 4.3016, 2.4348



37.4651, -5.3549, 6.5555



37.4651, -4.6538, -3.5748

Complementary

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



37.4643, 4.3027, 2.4342



41.4018, -8.0089, 2.1427

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.



37.4651, -6.9451, -1.3565



37.4643, 4.3027, 2.4342



37.4651, -7.3403, 4.5095

Square

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



37.4651, 4.3016, 2.4348



37.4651, -2.4182, 7.3945



37.4651, -7.9127, 1.6395



37.4651, -1.5821, -4.2455

Rectangle

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



37.4643, 4.3027, 2.4342



37.4651, 1.6715, 6.4454



37.4651, -7.9127, 1.6395



37.4651, -5.5374, -2.9768

Sweetspot

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



37.4651, 4.3016, 2.4348



55.0587, -0.2757, 3.1184



37.5284, 5.3967, -4.3540



26.6744, 0.0179, 1.5192



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.4651, 4.3016, 2.4348



48.5958, 7.7532, 3.3523



38.7608, 1.2421, 5.4626



19.2674, 0.6768, 1.1374



20.5921, 35.6215, 10.5393



45.3418, 78.2078, 24.9691

Inverse Universe

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



37.4651, 4.3016, 2.4348



48.5958, 7.7532, 3.3523



39.9875, -4.9840, -1.3248



19.2674, 0.6768, 1.1374



20.5921, 35.6215, 10.5393



45.3418, 78.2078, 24.9691

Previews

White Background



This preview shows how the HunterLab color 37.4643, 4.3027, 2.4342 looks on a white background.

Color Contrast Check

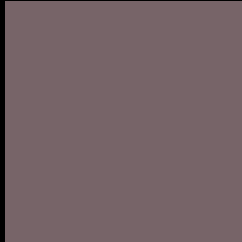
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4643, 4.3027, 2.4342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

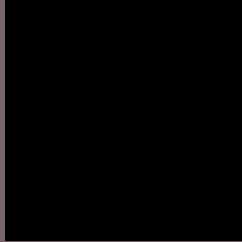
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.4643, 4.3027, 2.4342 Background



This preview shows how black text looks on a background with the HunterLab color 37.4643, 4.3027, 2.4342.



This preview shows how white text looks on a background with the HunterLab color 37.4643, 4.3027,

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

37.4643, 4.3027, 2.4342

Protanopia

37.4238, -1.1214, 1.4379

Deuteranopia

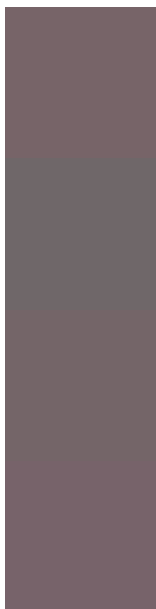
37.3519, 2.6020, 2.2728



Tritanopia

37.2923, 5.2123, 0.9556

Trichromacy



Original Color

37.4643, 4.3027, 2.4342

Protanomaly

37.5499, 0.6282, 2.0468

Deuteranomaly

37.4431, 2.9075, 2.3849

Tritanomaly

37.2642, 5.0639, 1.3554

Monochromacy



Original Color

37.4643, 4.3027, 2.4342

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.8154, 0.1699, 2.3506

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4643, 4.3027, 2.4342 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(119, 100, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 100, 104)  
}
```

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(119, 100, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 100, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4643, 4.3027, 2.4342 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(119, 100, 104) }
```


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

```
.border{ border-color:rgb(119, 100, 104) }
```

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

Here you see how a box with a 4 pixel rgb(119, 100, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 100, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 100, 104);  
box-shadow:4px 4px 4px 4px rgb(119, 100,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4643, 4.3027, 2.4342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 100, 104) }
```

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

```
.background{ background-color: rgb(119,  
100, 104) }
```

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