

Converting Colors

HunterLab(40.4726, -22.7682,
16.9391)

Have a look what the booklet for
HunterLab(40.4726, -22.7682,
16.9391) contains.

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Color

**HunterLab(40.4971,
-22.7574, 17.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	477D42
RGB	71, 125, 66
RGB Percent	28%, 49%, 26%
CMY	0.7216, 0.5098, 0.7412
CMYK	0.43, 0.00, 0.47, 0.51
HSL	115°, 31%, 37%
HSV	115°, 47%, 49%
XYZ	10.9155, 16.4002, 7.7445
YIQ	102.1280, -13.2450, -29.7970

Conversions

Conversions Part 2

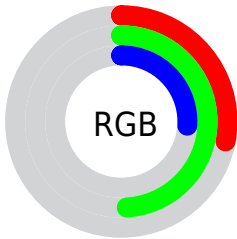
Format	Color
R_{YB}	66, 125, 120
Decimal	4685122
CIE _{Lab}	47.50, -30.65, 26.61
CIE _{LCh}	47, 40.589, 139.037
Yxy	16.4008, 0.3113, 0.4678
Android (android.graphics.Color)	4282875202 (0xFF477D42)
YUV	102.1280, -17.8111, -27.2993
Hunter-Lab	40.4971, -22.7574, 17.0096

Details

The HunterLab color $40.4971, -22.7574, 17.0096$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $30.6116, 24.5458, -18.2880$, and the grayscale version is $36.5687, -1.9512, 1.9868$.

A 20% lighter version of the original color is $61.0652, -27.4044, 21.4002$, and $22.8497, -17.2474, 12.0607$ is the 20% darker color. If you saturate the color by 10%, you get $39.8454, -25.7148, 19.0001$, and if you desaturate by 10%, it is $41.2781, -19.2839, 14.6089$.

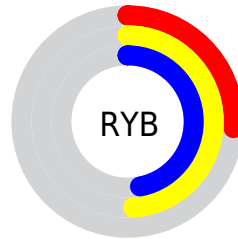
Distribution



Red (28%)

Green (49%)

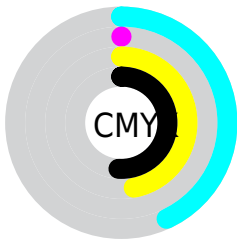
Blue (26%)



Red (26%)

Yellow (49%)

Blue (47%)

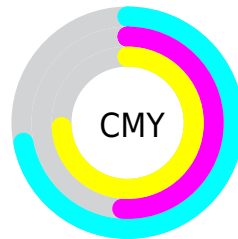


Cyan (43%)

Magenta (0%)

Yellow (47%)

Black (51%)



Cyan (72%)

Magenta (51%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4971, -22.7574, 17.0096 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 40.4971, -22.7574, 17.0096 by changing the saturation by 10% instead.

■ 40.4971, -22.7574,
17.0096

■ 40.4971, -22.7574,
17.0096

152.2155,
-42.3836, 35.0454

■ 31.3181, -20.1693,
14.6403

■ 61.0678, -27.5420,
21.3931

■ 22.9608, -17.3786,
12.0918

■ 72.3607, -29.7995,
23.4633

■ 15.5168, -14.2874,
9.9117

■ 84.2750, -31.9937,
25.4769

■ 9.1097, -15.1477,
6.3768

■ 96.7797, -34.1378,
27.4466

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.8481,
-36.2418, 29.3816

0.0000, NaN, NaN

123.4570,

0.0000, NaN, NaN

-38.3136, 31.2895

0.0000, NaN, NaN

137.5856,
-40.3592, 33.1759

■ 40.4971, -22.7574,
17.0096

■ 40.4971, -22.7574,
17.0096

■ 39.8454, -25.7148,
19.0001

■ 41.2781, -19.2839,
14.6089

■ 39.3182, -28.1355,
20.5716

■ 42.1862, -15.3228,
11.8156

■ 38.9121, -30.0173,
21.7297

■ 43.2206, -10.9141,
8.6564

■ 38.6199, -31.3754,
22.4955

■ 44.3785, -6.1029,
5.1631

■ 38.4282, -32.2675,
22.9593

■ 45.6562, -0.9367,
1.3703

■ 38.3878, -32.4597,
23.0861

■ 47.0488, 4.5372,
-2.6865

■ 48.5513, 10.2733,
-6.9727

■ 50.1579, 16.2297,
-11.4556

■ 51.8631, 22.3686,
-16.1054

Harmonies

Analogous

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



40.4980, -11.6595, 21.1846



40.4971, -22.7574, 17.0096



40.4980, -28.0167, 7.3538

Triad

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



40.4980, -22.7581, 17.0099



40.4980, -7.8141, -37.9967



40.4980, 30.9746, 10.5887

Complementary

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



40.4971, -22.7574, 17.0096



30.6116, 24.5458, -18.2880

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.



40.4980, 32.4297, -3.7249



40.4971, -22.7574, 17.0096



40.4980, 8.2980, -36.0446

Square

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



40.4980, -22.7581, 17.0099



40.4980, -20.3180, -26.4761



40.4980, 23.6023, -21.8682



40.4980, 19.8887, 18.5892

Rectangle

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



40.4971, -22.7574, 17.0096



40.4980, -28.1468, -2.6343



40.4980, 23.6023, -21.8682



40.4980, 32.6640, 6.5112

Sweetspot

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



40.4980, -22.7581, 17.0099



58.2628, -12.8150, 10.2899



42.3929, -6.6062, 18.7976



27.6589, -6.6501, 5.2969



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.4980, -22.7581, 17.0099



53.2278, -34.8299, 25.7022



40.6910, -21.1596, 10.7382



21.9882, -3.5134, 2.9171



39.2148, -33.1692, 23.5833

0.0000, NaN, NaN

Inverse Universe

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



30.6116, 24.5458, -18.2880



37.4887, 41.0928, -31.1299



30.3385, 22.0697, -5.1825



20.9630, 1.3204, -0.6730



23.0356, 46.1576, -37.1177

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.4971, -22.7574, 17.0096 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 40.4971, -22.7574, 17.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

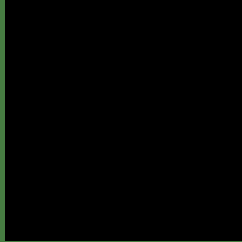
Any Text WCAG AA × Fail

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 40.4971, -22.7574, 17.0096 Background



This preview shows how black text looks on a background with the HunterLab color 40.4971, -22.7574, 17.0096.



This preview shows how white text looks on a background with the HunterLab color 40.4971,

-22.7574, 17.0096.

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

40.4971, -22.7574, 17.0096

Protanopia

40.1699, -4.5101, 18.1573

Deuteranopia

40.1354, 2.5005, 16.2153



Tritanopia

40.4405, -9.2326, -5.1832

Trichromacy



Original Color

40.4971, -22.7574, 17.0096

Protanomaly

40.0306, -12.2308, 17.4874

Deuteranomaly

39.8861, -8.1607, 16.0656

Tritanomaly

40.4437, -15.1145, 5.0643

Monochromacy



Original Color

40.4971, -22.7574, 17.0096

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.5463, -10.1138, 8.0343

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4971, -22.7574, 17.0096 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, 125, 66)` looks like.

```
.text, #text, p{  
    color:rgb(71, 125, 66)  
}
```

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, 125, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 125, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4971, -22.7574, 17.0096 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, 125, 66) }
```


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

```
.border{ border-color:rgb(71, 125, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 125, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 125, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 125, 66);  
box-shadow:4px 4px 4px 4px rgb(71, 125,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4971, -22.7574, 17.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 125, 66) }
```

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

```
.background{ background-color: rgb(71, 125,  
66) }
```

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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