

Converting Colors

HunterLab(40.2886, -16.9435,
2.4433)

Have a look what the booklet for
HunterLab(40.2886, -16.9435,
2.4433) contains.

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Color

**HunterLab(40.2803,
-16.9784, 2.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	427A6F
RGB	66, 122, 111
RGB Percent	26%, 48%, 44%
CMY	0.7412, 0.5216, 0.5647
CMYK	0.46, 0.00, 0.09, 0.52
HSL	168°, 30%, 37%
HSV	168°, 46%, 48%
XYZ	12.0755, 16.2250, 17.5342
YIQ	104.0020, -29.8450, -15.2930

Conversions

Conversions Part 2

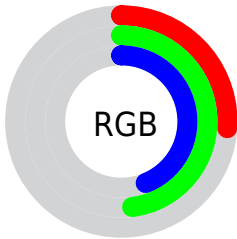
Format	Color
RYB	66, 97, 122
Decimal	4356719
CIELab	47.27, -21.35, 0.27
CIELCh	47, 21.352, 179.267
Yxy	16.2257, 0.2635, 0.3540
Android (android.graphics.Color)	4282546799 (0xFF427A6F)
YUV	104.0020, 3.4500, -33.3278
Hunter-Lab	40.2803, -16.9784, 2.3870

Details

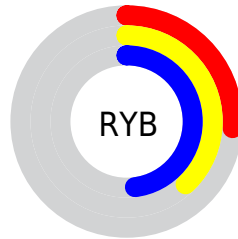
The HunterLab color **40.2803, -16.9784, 2.3870** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29.2750, 17.7564, 4.1289**, and the grayscale version is **37.2034, -1.9851, 2.0213**.

A 20% lighter version of the original color is **60.9556, -20.5432, 3.4974**, and **22.7928, -13.1215, 1.5823** is the 20% darker color. If you saturate the color by 10%, you get **39.7417, -19.2003, 2.7343**, and if you desaturate by 10%, it is **40.9257, -14.3903, 2.1628**.

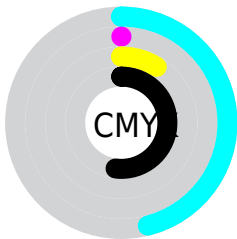
Distribution



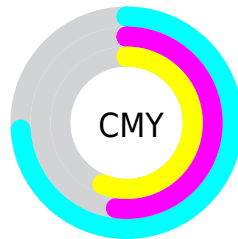
- Red (26%)
- Green (48%)
- Blue (44%)



- Red (26%)
- Yellow (38%)
- Blue (48%)



- Cyan (46%)
- Magenta (0%)
- Yellow (9%)
- Black (52%)



- Cyan (74%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2803, -16.9784, 2.3870 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 40.2803, -16.9784, 2.3870 by changing the saturation by 10% instead.

■ 40.2803, -16.9784,
2.3870

■ 40.2803, -16.9784,
2.3870

151.8781,
-32.2960, 8.5710

■ 31.1191, -15.0632,
1.8727

■ 60.8190, -20.5890,
3.5343

■ 22.7814, -13.0292,
1.4011

■ 72.0975, -22.3227,
4.1613

■ 15.3595, -10.8129,
0.9771

■ 83.9980, -24.0253,
4.8215

■ 8.9707, -10.8501,
0.6146

■ 96.4896, -25.7048,
5.5133

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5456,
-27.3674, 6.2353

0.0000, NaN, NaN

123.1424,

0.0000, NaN, NaN

-29.0178, 6.9862

0.0000, NaN, NaN

137.2594,
-30.6597, 7.7651

■ 40.2803, -16.9784,
2.3870

■ 40.2803, -16.9784,
2.3870

■ 39.7417, -19.2003,
2.7343

■ 40.9257, -14.3903,
2.1628

■ 39.3045, -21.0486,
3.1963

■ 41.6770, -11.4490,
2.0641

■ 38.9646, -22.5283,
3.7636

■ 42.5351, -8.1762,
2.0927

■ 38.7148, -23.6554,
4.4234

■ 43.4989, -4.5975,
2.2475

■ 38.5397, -24.4848,
5.1527

■ 44.5663, -0.7420,
2.5255

■ 38.4735, -24.8023,
5.4524

■ 45.7346, 3.3602,
2.9217

■ 47.0003, 7.6788,
3.4302

■ 48.3596, 12.1848,
4.0441

■ 49.8082, 16.8509,
4.7562

Harmonies

Analogous

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



40.2811, -15.0417, 9.2418



40.2803, -16.9784, 2.3870



40.2811, -15.2202, -6.0099

Triad

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



40.2811, -16.9788, 2.3875



40.2811, 6.0005, -13.5326



40.2811, 6.3847, 13.2338

Complementary

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



40.2803, -16.9784, 2.3870



29.2750, 17.7564, 4.1289

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.



40.2811, 12.8303, 8.9663



40.2803, -16.9784, 2.3870



40.2811, 12.5961, -6.4178

Square

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



40.2811, -16.9788, 2.3875



40.2811, -2.3567, -16.2600



40.2811, 15.1892, 1.9967



40.2811, -1.9458, 14.6681

Rectangle

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



40.2803, -16.9784, 2.3870



40.2811, -12.1003, -11.1797



40.2811, 15.1892, 1.9967



40.2811, 8.8677, 12.1324

Sweetspot

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



40.2811, -16.9788, 2.3875



56.6075, -10.1282, 2.7968



39.8738, -20.4462, 16.5476



26.9657, -5.2284, 1.3261



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.



40.2811, -16.9788, 2.3875



52.6845, -25.5807, 3.6497



35.6482, -8.1451, -8.8010



21.2122, -2.8311, 1.0733



39.4747, -25.4576, 5.6157



86.1445, -56.0285, 13.2763

Inverse Universe

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



29.2750, 17.7564, 4.1289



35.3731, 29.7040, 6.7588



32.6916, 8.7914, 10.9499



20.0667, 0.7094, 1.2158



21.0344, 36.3465, 11.0769



45.8327, 78.9847, 25.7801

Previews

White Background



This preview shows how the HunterLab color 40.2803, -16.9784, 2.3870 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 40.2803, -16.9784, 2.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

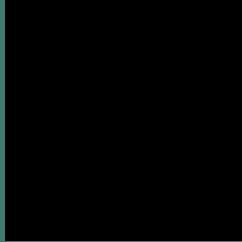
Any Text WCAG AA × Fail

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 40.2803, -16.9784, 2.3870 Background



This preview shows how black text looks on a background with the HunterLab color 40.2803, -16.9784, 2.3870.



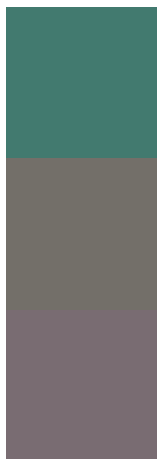
This preview shows how white text looks on a background with the HunterLab color 40.2803,

-16.9784, 2.3870.

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

40.2803, -16.9784, 2.3870

Protanopia

40.0420, -1.8490, 4.8524

Deuteranopia

40.0062, 2.6495, 1.1049



Tritanopia

40.1475, -11.7572, -6.1387

Trichromacy



Original Color

40.2803, -16.9784, 2.3870

Protanomaly

39.8301, -8.2415, 3.6929

Deuteranomaly

39.7105, -5.4274, 1.0487

Tritanomaly

40.1289, -13.8070, -2.7185

Monochromacy



Original Color

40.2803, -16.9784, 2.3870

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.2153, -8.2348, 1.8230

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2803, -16.9784, 2.3870 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(66, 122, 111)` looks like.

```
.text, #text, p{  
    color:rgb(66, 122, 111)  
}
```

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(66, 122, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 122, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2803, -16.9784, 2.3870 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(66, 122, 111) }
```


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

```
.border{ border-color:rgb(66, 122, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 122, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 122, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 122, 111);  
box-shadow:4px 4px 4px 4px rgb(66, 122,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2803, -16.9784, 2.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 122, 111) }
```

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

```
.background{ background-color: rgb(66, 122,  
111) }
```

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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