

Converting Colors

HunterLab(40.0256, -12.7345,
-2.3907)

Have a look what the booklet for
HunterLab(40.0256, -12.7345,
-2.3907) contains.

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Color

**HunterLab(40.0374,
-12.6777, -2.3386)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7779
RGB	74, 119, 121
RGB Percent	29%, 47%, 47%
CMY	0.7098, 0.5333, 0.5255
CMYK	0.39, 0.02, 0.00, 0.53
HSL	183°, 24%, 38%
HSV	183°, 39%, 47%
XYZ	12.8720, 16.0299, 20.5048
YIQ	105.7730, -27.4620, -8.9180

Conversions

Conversions Part 2

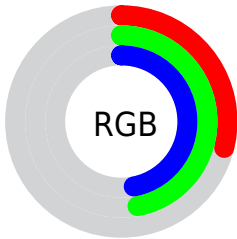
Format	Color
R_{YB}	74, 97, 121
Decimal	4880249
CIE _{Lab}	47.01, -14.84, -5.99
CIE _{LCh}	47, 16.008, 201.985
Yxy	16.0306, 0.2605, 0.3245
Android (android.graphics.Color)	4283070329 (0xFF4A7779)
YUV	105.7730, 7.5069, -27.8649
Hunter-Lab	40.0374, -12.6777, -2.3386

Details

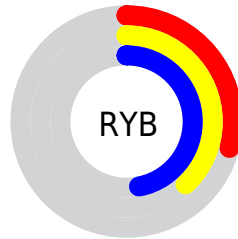
The HunterLab color $40.0374, -12.6777, -2.3386$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $31.1904, 12.4083, 7.1208$, and the grayscale version is $37.8587, -2.0200, 2.0569$.

A 20% lighter version of the original color is $60.4176, -15.4340, -1.8384$, and $22.4845, -9.4231, -2.9315$ is the 20% darker color. If you saturate the color by 10%, you get $39.3363, -14.5317, -3.2809$, and if you desaturate by 10%, it is $40.8421, -10.4752, -1.2769$.

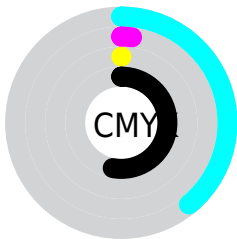
Distribution



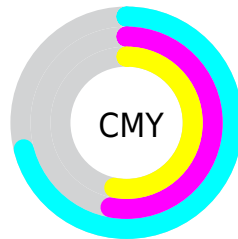
- Red (29%)
- Green (47%)
- Blue (47%)



- Red (29%)
- Yellow (38%)
- Blue (47%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0374, -12.6777, -2.3386 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 40.0374, -12.6777, -2.3386 by changing the saturation by 10% instead.

■ 40.0374, -12.6777,
-2.3386

■ 40.0374, -12.6777,
-2.3386

151.4998,
-25.0590, 1.4290

■ 30.8963, -11.2163,
-2.5042

■ 60.5403, -15.4935,
-1.8222

■ 22.5806, -9.6906,
-2.5979

■ 71.8025, -16.8713,
-1.4847

■ 15.1835, -8.0607,
-2.6068

■ 83.6876, -18.2389,
-1.0999

■ 8.8122, -7.8108,
-2.5560

■ 96.1645, -19.6013,
-0.6714

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.2063,
-20.9621, -0.2020

0.0000, NaN, NaN

122.7897,

0.0000, NaN, NaN

-22.3240, 0.3058

0.0000, NaN, NaN

136.8937,
-23.6890, 0.8501

■ 40.0374, -12.6777,
-2.3386

■ 40.0374, -12.6777,
-2.3386

■ 39.3363, -14.5317,
-3.2809

■ 40.8421, -10.4752,
-1.2769

■ 38.7351, -16.0263,
-4.1007

■ 41.7479, -7.9392,
-0.1045

■ 38.2317, -17.1608,
-4.7954

■ 42.7545, -5.0913,
1.1705

■ 37.8212, -17.9440,
-5.3665

■ 43.8599, -1.9561,
2.5387

■ 37.4966, -18.3969,
-5.8200

■ 45.0612, 1.4400,
3.9903

■ 37.2299, -18.6246,
-6.1931

■ 46.3550, 5.0701,
5.5154

■ 37.1994, -18.6499,
-6.2361

■ 47.7377, 8.9077,
7.1048

■ 49.2053, 12.9277,
8.7495

■ 50.7536, 17.1067,
10.4418

Harmonies

Analogous

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



40.0382, -13.3511, 3.7400



40.0374, -12.6777, -2.3386



40.0382, -9.2702, -7.9073

Triad

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



40.0382, -12.6781, -2.3380



40.0382, 7.7701, -5.5150



40.0382, -0.4499, 11.9226

Complementary

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



40.0374, -12.6777, -2.3386



31.1904, 12.4083, 7.1208

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.



40.0382, 5.5302, 10.1763



40.0374, -12.6777, -2.3386



40.0382, 10.4623, 0.5533

Square

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



40.0382, -12.6781, -2.3380



40.0382, 2.4577, -9.9286



40.0382, 9.6185, 6.2249



40.0382, -6.5362, 11.3923

Rectangle

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



40.0374, -12.6777, -2.3386



40.0382, -5.7857, -10.2793



40.0382, 9.6185, 6.2249



40.0382, 1.6442, 11.5932

Sweetspot

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



40.0382, -12.6781, -2.3380



56.7321, -8.1762, 0.9615



39.5558, -19.8043, 13.8962



27.0648, -4.0882, 0.3801



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.



40.0382, -12.6781, -2.3380



52.6974, -19.2952, -4.3113



33.4518, -2.7667, -11.4971



21.1769, -2.5584, 0.5646



38.5034, -19.2998, -6.4630



83.8996, -41.9165, -14.3816

Inverse Universe

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



32.0855, 19.8672, -12.1330



39.9404, 33.7257, -20.7931



36.7369, 1.7407, 12.2112



20.1859, 1.3499, -0.4803



23.8819, 46.5397, -28.2974



52.1280, 101.5357, -61.3923

Previews

White Background



This preview shows how the HunterLab color 40.0374, -12.6777, -2.3386 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 40.0374, -12.6777, -2.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

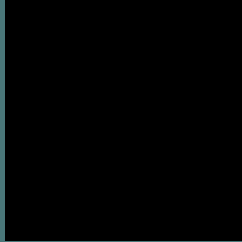
Any Text WCAG AA × Fail

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 40.0374, -12.6777, -2.3386 Background



This preview shows how black text looks on a background with the HunterLab color 40.0374, -12.6777, -2.3386.



This preview shows how white text looks on a background with the HunterLab color 40.0374,

-12.6777, -2.3386.

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

40.0374, -12.6777, -2.3386

Protanopia

39.8216, -0.6106, -0.0738

Deuteranopia

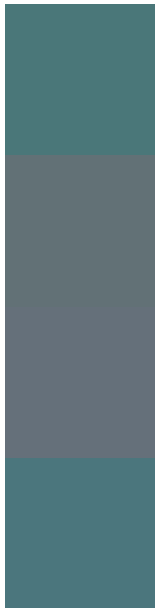
39.8349, 2.6130, -3.2990



Tritanopia

40.0321, -10.7984, -5.2592

Trichromacy



Original Color

40.0374, -12.6777, -2.3386

Protanomaly

39.6421, -5.3793, -1.3014

Deuteranomaly

39.6991, -3.4950, -3.0974

Tritanomaly

39.9167, -11.3549, -4.4211

Monochromacy



Original Color

40.0374, -12.6777, -2.3386

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.5957, -6.6339, 0.5638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0374, -12.6777, -2.3386 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(74, 119, 121)` looks like.

```
.text, #text, p{  
    color:rgb(74, 119, 121)  
}
```

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(74, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 119, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0374, -12.6777, -2.3386 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(74, 119, 121) }
```


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

```
.border{ border-color:rgb(74, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(74, 119,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0374, -12.6777, -2.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 119, 121) }
```

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

```
.background{ background-color: rgb(74, 119,  
121) }
```

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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