

Converting Colors

HunterLab(37.8068, -4.7091,
-37.0897)

Have a look what the booklet for
HunterLab(37.8068, -4.7091,
-37.0897) contains.

HunterLab(37.8274, -4.6879, -37.1611)	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(37.8274, -4.6879,
-37.1611)**

Conversions

Conversions Part 1

Format	Color
Hex	006FAB
RGB	0, 111, 171
RGB Percent	0%, 44%, 67%
CMY	0.9999, 0.5647, 0.3294
CMYK	1.00, 0.35, 0.00, 0.33
HSL	201°, 100%, 34%
HSV	201°, 100%, 67%
XYZ	13.0351, 14.3091, 40.6029
YIQ	84.6510, -85.4160, -4.8720

Conversions

Conversions Part 2

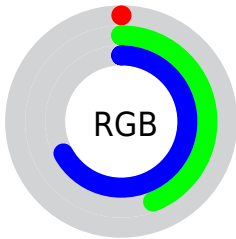
Format	Color
RYB	0, 67, 171
Decimal	28587
CIELab	44.67, -3.67, -39.35
CIELCh	45, 39.518, 264.666
Yxy	14.3096, 0.1918, 0.2106
Android (android.graphics.Color)	4278218667 (0xFF006FAB)
YUV	84.6510, 42.5701, -74.2389
Hunter-Lab	37.8274, -4.6879, -37.1611

Details

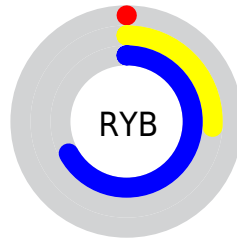
The HunterLab color **37.8274, -4.6879, -37.1611** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.4862, 34.9509, 21.8606**, and the grayscale version is **29.8881, -1.5948, 1.6239**.

A 20% lighter version of the original color is **57.8883, -6.0073, -38.8674**, and **22.3043, 1.8099, -31.7855** is the 20% darker color. If you saturate the color by 10%, you get **37.8246, -4.6832, -37.1678**, and if you desaturate by 10%, it is **39.7287, -6.8673, -33.1381**.

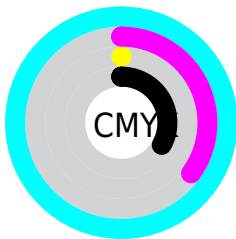
Distribution



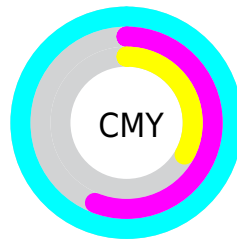
- Red (0%)
- Green (44%)
- Blue (67%)



- Red (0%)
- Yellow (26%)
- Blue (67%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8274, -4.6879, -37.1611 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 37.8274, -4.6879, -37.1611 by changing the saturation by 10% instead.

■ 37.8274, -4.6879,
-37.1611

■ 37.8274, -4.6879,
-37.1611

148.0366,
-12.1449, -42.2747

■ 28.8726, -3.9725,
-36.6544

■ 57.9977, -6.1836,
-38.4531

■ 20.7627, -3.2773,
-36.4573

■ 69.1090, -6.9666,
-39.1137

■ 13.5976, -2.5964,
-37.0441

■ 80.8513, -7.7729,
-39.7481

■ 7.1931, -2.6097,
-42.2755

■ 93.1922, -8.6023,
-40.3449

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.1040, -9.4546,
-40.8980

0.0000, NaN, NaN

■ 119.5625,

0.0000, NaN, NaN

-10.3293, -41.4046

0.0000, NaN, NaN

133.5464,
-11.2262, -41.8635

■ 37.8274, -4.6879,
-37.1611

■ 37.8274, -4.6879,
-37.1611

■ 37.8246, -4.6832,
-37.1678

■ 39.7287, -6.8673,
-33.1381

■ 41.7744, -8.5775,
-29.0919

■ 43.9936, -9.7025,
-24.9857

■ 46.3834, -10.2475,
-20.8473

■ 48.9368, -10.2398,
-16.7040

■ 51.6448, -9.7188,
-12.5787

■ 54.4971, -8.7295,
-8.4887

■ 57.4839, -7.3177,
-4.4457

■ 60.5951, -5.5278,
-0.4569

Harmonies

Analogous

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



37.8280, -17.4187, -28.1908



37.8274, -4.6879, -37.1611



37.8280, 10.9025, -32.7131

Triad

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



37.8280, -4.6873, -37.1603



37.8280, 28.2147, 11.8836



37.8280, -22.9489, 14.8228

Complementary

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



37.8274, -4.6879, -37.1611



34.4862, 34.9509, 21.8606

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.



37.8280, -13.4121, 19.5634



37.8274, -4.6879, -37.1611



37.8280, 16.3186, 18.3934

Square

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



37.8280, -4.6873, -37.1603



37.8280, 31.5233, -0.6052



37.8280, 0.7224, 20.5497



37.8280, -26.8479, 4.5426

Rectangle

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



37.8274, -4.6879, -37.1611



37.8280, 20.6804, -23.3862



37.8280, 0.7224, 20.5497



37.8280, -20.3765, 16.9276

Sweetspot

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



37.8280, -4.6873, -37.1603



72.7171, -11.7702, -11.6589



54.2688, -44.3974, 28.0120



33.5927, -5.8420, -6.5614



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



37.8280, -4.6873, -37.1603



50.2103, -5.6143, -50.6387



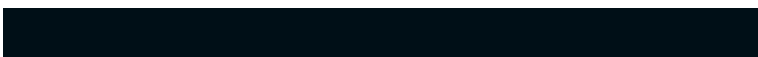
19.1443, 38.4166, -106.8532



29.3117, -2.6010, -0.0927



32.9952, -4.3109, -31.9350



6.3275, -1.9469, -3.7060

Inverse Universe

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



31.3151, 57.2875, -8.1751



41.8561, 76.4902, -10.2418



53.8679, -4.8842, 33.1067



28.4598, 1.7254, 0.2396



27.2068, 49.8094, -7.3574



4.6450, 8.6909, -2.7047

Previews

White Background



This preview shows how the HunterLab color 37.8274, -4.6879, -37.1611 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 37.8274, -4.6879, -37.1611 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 37.8274, -4.6879, -37.1611 Background



This preview shows how black text looks on a background with the HunterLab color 37.8274, -4.6879, -37.1611.



This preview shows how white text looks on a background with the HunterLab color 37.8274, -4.6879, -37.1611.

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

37.8274, -4.6879, -37.1611

Protanopia

37.7092, 5.5731, -31.8883

Deuteranopia

37.9165, 2.9191, -37.6157



Tritanopia

37.7213, -18.0896, -8.0981

Trichromacy



Original Color

37.8274, -4.6879, -37.1611

Protanomaly

37.2223, 0.0670, -35.2965

Deuteranomaly

37.6498, -0.8238, -38.2778

Tritanomaly

37.7021, -13.8367, -17.2549

Monochromacy



Original Color

37.8274, -4.6879, -37.1611

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.7027, -6.6279, -11.4820

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8274, -4.6879, -37.1611 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(0, 111, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 171)  
}
```

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(0, 111, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8274, -4.6879, -37.1611 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(0, 111, 171) }
```


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

```
.border{ border-color:rgb(0, 111, 171) }
```

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

Here you see how a box with a 4 pixel rgb(0, 111, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8274, -4.6879, -37.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 171) }
```

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

```
.background{ background-color: rgb(0, 111,  
171) }
```

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